



DEPARTMENT OF THE AIR FORCE  
WASHINGTON, DC

Office Of The Assistant Secretary

19 May 2010

MEMORANDUM FOR: SAF/FM

FROM: SAF/FMC

SUBJECT: Request to Terminate For Official Use Only (FOUO) Markings

1. We respectfully request approval to remove the subject markings on the following documents.

USAF Summaries 1976/77/79/80/81/82/83/84/85 – Remove FOUO markings

USAF Summary 1978

- (1) Remove FOUO markings
- (2) Remove Statement: "This material contains information affecting the national defense of the United States and transmission or revelation of which in any manner to unauthorized persons is prohibited by law."

2. Current circumstances indicate the information no longer requires the protection from public disclosure and our organization would like to allow these documents to be made available on a public reading room website sponsored by Ms. Helen T. Kiss, Air Force History Office via the Defense Technical Information Center. The Air Force Declassification Office reviewed these documents and determined that they, in fact, can be considered unclassified and releasable.

3. These documents no longer meet the criteria assigned to protect documents under Exemptions 2-9 as indicated in DoD 5400.7, AF SUP 1, DoD Freedom of Information Act Program.

4. My Point of Contact for this request is Major Eli V. Brown, SAF/FMCE, e-mail: [Eli.Brown@pentagon.af.mil](mailto:Eli.Brown@pentagon.af.mil), DSN: 225-5076, Commercial: 703-695-5076.

  
RICHARD K. HARTLEY  
Deputy Assistant Secretary  
(Cost and Economics)

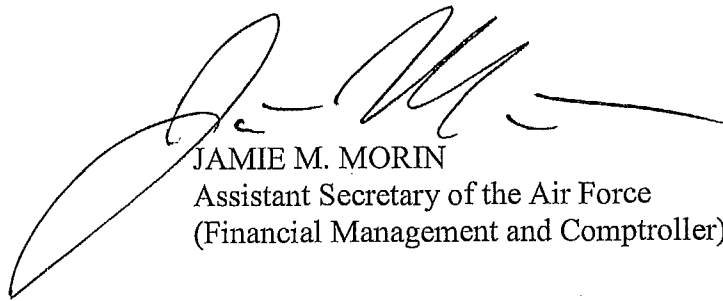
Attachments:

1. AFDO Memo, Dated 1 April 2010
2. USAF Summary (Cover sheets) dated: 1976 - 1985
3. DoD 5400.7, AF Supplement 1, DoD FOIA Program  
(C4.5.1 – Termination of FOUO markings and Exemptions 2-9)

Report Documentation Page				Form Approved OMB No. 0704-0188	
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1<sup>st</sup> Ind, SAF/FM

Concur/Nonconcur



JAMIE M. MORIN  
Assistant Secretary of the Air Force  
(Financial Management and Comptroller)



DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

April 1, 2010

MEMORANDUM FOR AF/HOH (MS. HELEN T. KISS)

FROM: Air Force Declassification Office  
1720 Air Force Pentagon  
Washington, DC 20330-1720

SUBJECT: AFDO Review-USAF Summaries 1979 through 1985

This office conducted a security review of USAF Summaries, January 1979 through 1985 and determined that they do not contain any information requiring exemption under the FOIA and can be considered unclassified and releasable. The POC for the review is Mr. George Gordon, 301-837-0720 or [George.gordon@pentagon.af.mil](mailto:George.gordon@pentagon.af.mil).

//s//

JOANNE COLLINS,  
Deputy Director, AFDO

K131.64  
March 1977



# USAF SUMMARY

MARCH 1977

FOR OFFICIAL USE ONLY

## FOREWORD

This is the third edition of the **USAF Summary**. This edition provides an update of fiscal year 1977 estimates. It also provides estimates for fiscal year 1978 based on the Amended FY 1978 President's Budget submitted in February 1977.

*"Users of this document should note that information for fiscal years 1965 through 1967 has been deleted. In order to have information available for these years, the October 1976 edition of the **USAF Summary** should be retained."*

The **USAF Summary** is compiled and published by the Directorate of Management Analysis, Comptroller of the Air Force (HQ USAF/ACMI). Air Staff offices participate by providing current information for each update. The office of origin indicated on individual pages should be contacted if further information is required.

Inquiries or suggestions regarding this publication should be addressed to HQ USAF/ACMI (OX5-3980).



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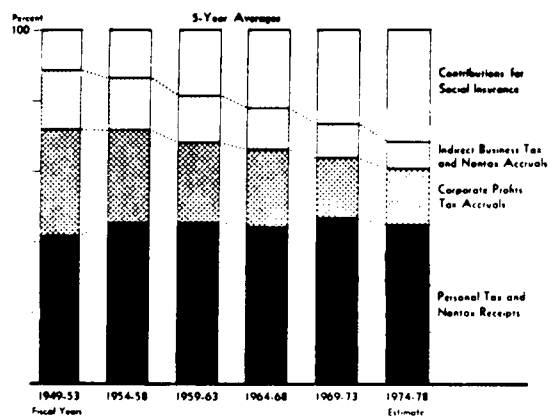
## REFERENCE DATA

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Congressional Budget Office . . . . .	2
Senate Appropriations Committee . . . . .	2
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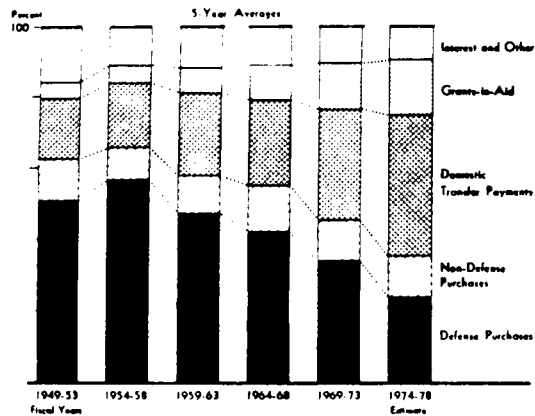


# THE FEDERAL BUDGET

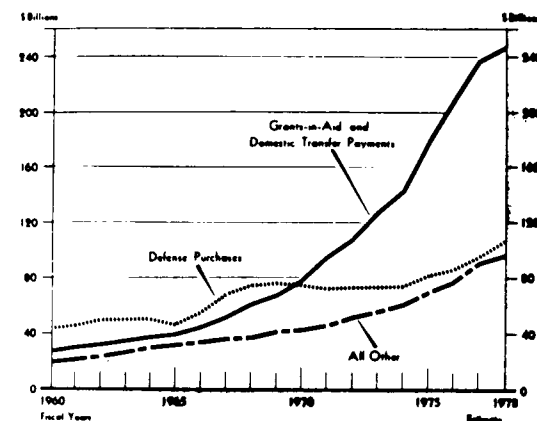
Distribution of Federal Sector Receipts by Category



Distribution of Federal Sector Expenditures by Category



Composition of Federal Sector Expenditures

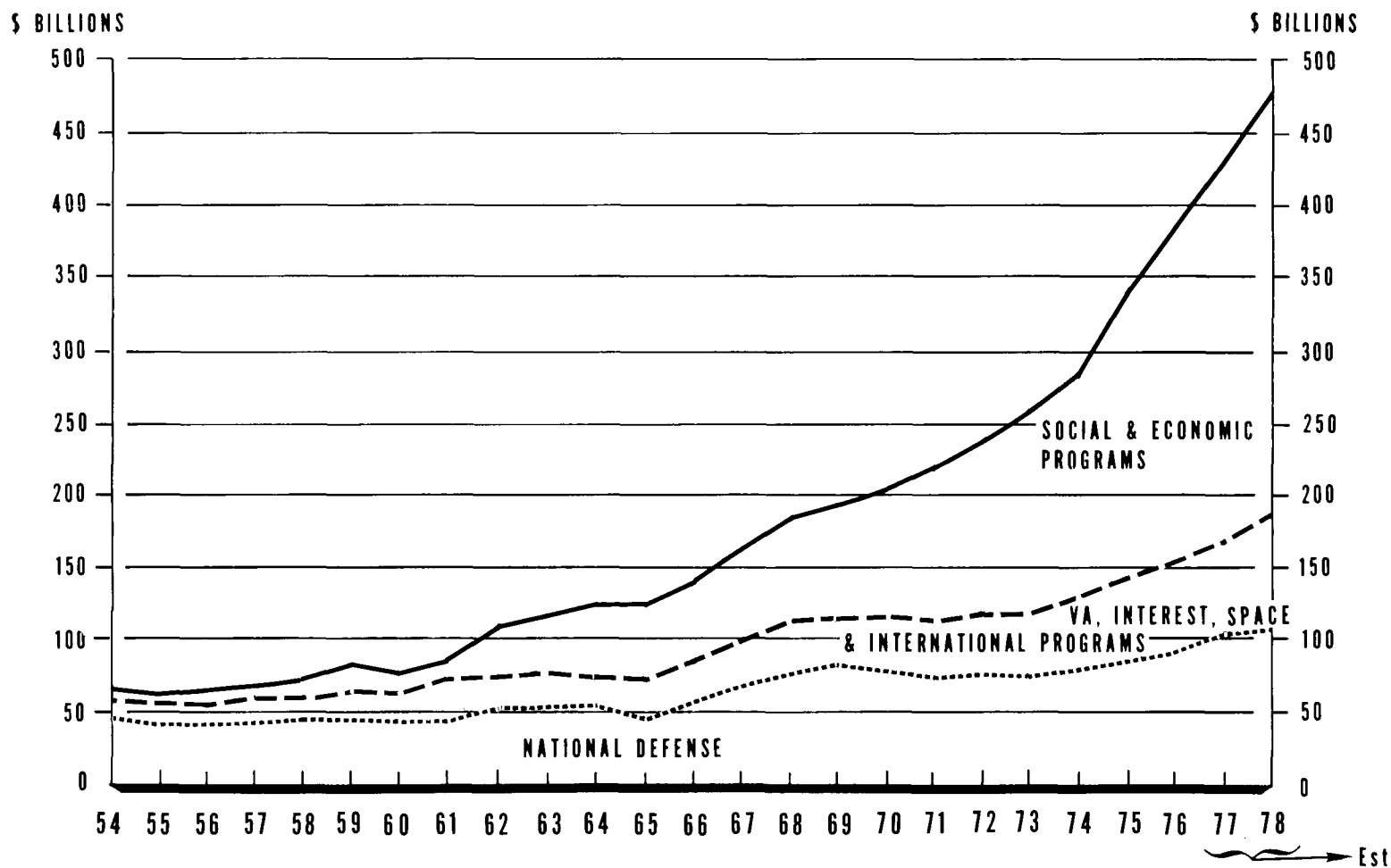


## FEDERAL FINANCES; GNP; AND OUTLAYS (\$ Billions)

Fiscal Year	Gross National Product	Budget Receipts		Outlays Unified Budget		Current Prices			Constant (FY 72) Prices		
		Amount	Percent of GNP	Amount	Percent of GNP	Total Outlays	National Defense	Total Non-Defense	Total Outlays	National Defense	Total Non-Defense
1955	380.0	65.5	17.2	68.5	18.0	68.5	39.9	28.6	134.3	75.9	58.5
1956	411.0	74.5	18.1	70.5	17.1	70.5	39.8	30.7	133.0	73.0	60.0
1957	432.7	80.0	18.5	76.7	17.7	76.7	42.3	34.5	137.2	74.0	63.2
1958	442.1	79.6	18.0	82.6	18.7	82.6	43.8	38.8	141.9	74.1	67.7
1959	473.3	79.2	16.7	92.1	19.5	92.1	45.9	46.2	153.9	75.3	78.7
1960	497.3	92.5	18.6	92.2	18.5	92.2	45.2	47.0	150.8	73.9	76.9
1961	508.3	94.4	18.6	97.8	19.2	97.8	46.6	51.2	157.1	74.8	82.3
1962	546.9	99.7	18.2	106.8	19.5	106.8	50.4	56.4	168.7	79.3	89.4
1963	576.3	106.6	18.5	111.3	19.3	111.3	51.5	59.8	170.7	79.0	91.7
1964	616.2	112.7	18.3	118.6	19.2	118.6	52.7	65.8	177.4	78.8	98.6
1965	657.1	116.8	17.8	118.4	18.0	118.4	48.6	69.8	173.3	71.0	102.3
1966	721.1	130.9	18.1	134.7	18.7	134.7	55.9	78.8	187.9	77.7	110.2
1967	774.4	149.6	19.3	158.3	20.4	158.3	69.1	89.2	212.1	93.2	118.9
1968	829.9	153.7	18.5	178.8	21.5	178.8	79.4	99.4	229.5	102.2	127.3
1969	903.7	187.8	20.8	184.5	20.4	184.5	80.2	104.3	223.1	98.8	124.3
1970	959.0	193.7	20.2	196.6	20.5	196.6	79.3	117.3	220.8	91.1	129.7
1971	1,019.3	188.4	18.5	211.4	20.7	211.4	76.8	134.6	223.0	82.3	140.8
1972	1,110.3	208.6	18.8	232.0	20.9	232.0	77.4	154.7	232.0	77.4	154.7
1973	1,237.5	232.2	18.8	247.1	19.9	247.1	75.1	172.0	233.2	70.5	162.7
1974	1,360.9	264.9	19.5	269.6	19.8	269.6	78.6	191.1	231.4	68.3	163.1
1975	1,450.6	281.0	19.8	326.1	22.4	326.1	86.6	239.5	251.9	67.0	184.8
1976	1,609.5	300.0	18.6	366.5	22.8	366.5	90.0	276.5	264.4	64.6	199.8
1977 (Est)	1,830.5	349.4	19.1	417.4	22.8	417.4	100.1	317.3	282.5	67.0	215.4
1978 (Est)	2,047.8	401.6	19.6	459.4	22.4	459.4	111.9	347.4	292.7	70.0	222.7

Source: The Budget of the United States Government,  
Fiscal Year 1978 (Revised)

# FEDERAL UNIFIED BUDGET OUTLAYS\*



\* Undistributed offsetting receipts have not been deducted.

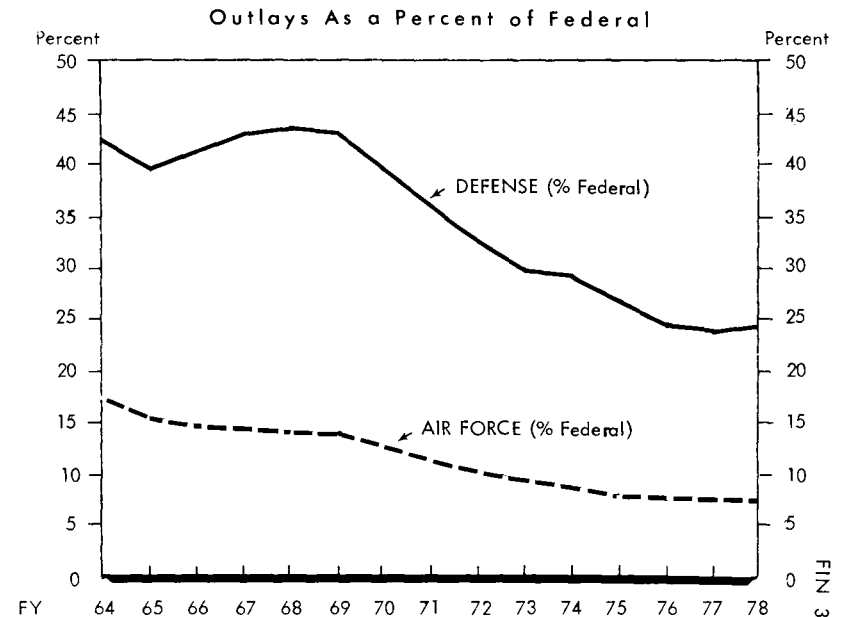
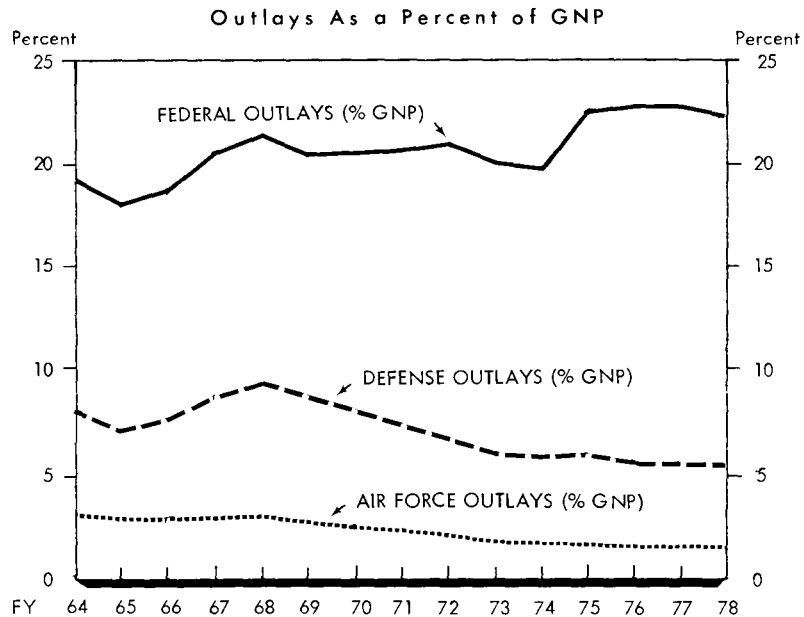
FISCAL YEARS

Source: Economic Report of the President 1964, 1965 & 1976.

# COMPARATIVE FINANCIAL STATISTICS (\$ BILLIONS)

	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	Amended Pres Budget 1978
Gross National Product	616.2	829.9	903.7	959.0	1019.3	1110.5	1237.5	1360.9	1450.6	1609.5	1830.2	2047.8
Federal Outlays	118.6	178.8	184.5	196.6	211.4	232.0	247.1	269.6	326.1	366.5	417.4	459.4
% of GNP	19.2	21.5	20.4	20.5	20.7	20.9	20.0	19.8	22.5	22.8	22.8	22.4
DOD - Outlays	50.8	78.0	78.7	77.9	75.5	76.0	73.8	78.4	86.0	88.5	98.3	109.7
% of GNP	8.2	9.4	8.7	8.1	7.4	6.8	6.0	5.8	5.9	5.5	5.4	5.4
% of Federal	42.8	43.6	42.7	39.6	35.7	32.8	29.9	29.1	26.4	24.2	23.6	23.9
AIR FORCE - Outlays	20.5	25.7	25.9	24.9	23.8	24.0	23.6	23.9	25.0	26.4	28.3	31.2
% of GNP	3.3	3.1	2.9	2.6	2.3	2.2	1.9	1.8	1.7	1.6	1.6	1.5
% of Federal	17.3	14.4	14.0	12.7	11.3	10.3	9.6	8.9	7.7	7.2	6.8	6.8
% of DOD	40.4	33.0	32.9	32.0	31.5	31.6	32.0	30.5	29.1	29.8	28.8	28.4
Constant FY 78\$												
Federal Outlays	278.4	360.2	350.1	346.5	350.0	364.1	366.0	363.2	395.3	415.0	443.4	459.4
DOD - Outlays	123.2	158.3	153.5	141.2	128.6	119.9	109.8	107.0	105.0	101.0	104.6	109.7
Air Force - Outlays	48.1	52.0	50.4	45.3	40.8	38.4	35.7	32.9	30.6	30.3	30.2	31.2

Source: OSD(C)



# TOTAL DOD OUTLAYS FY 64—78

(BILLIONS OF CURRENT DOLLARS)

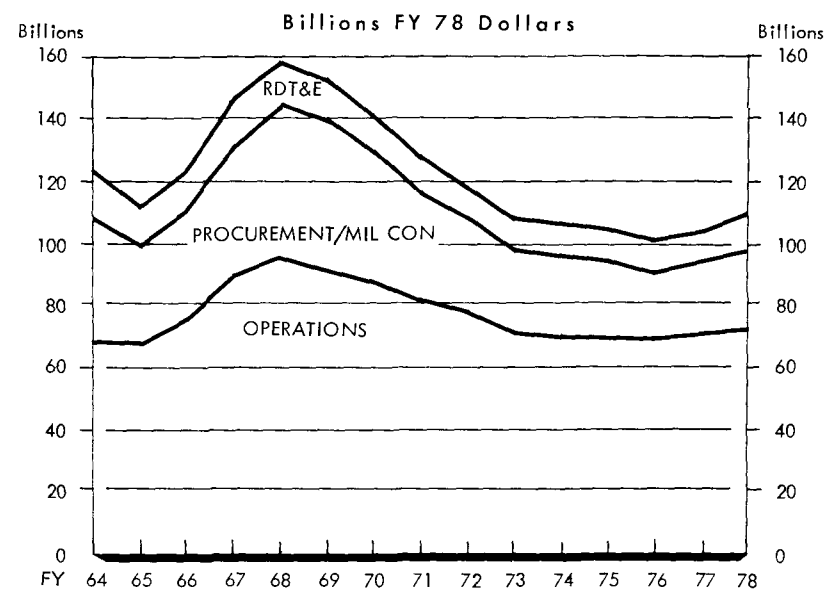
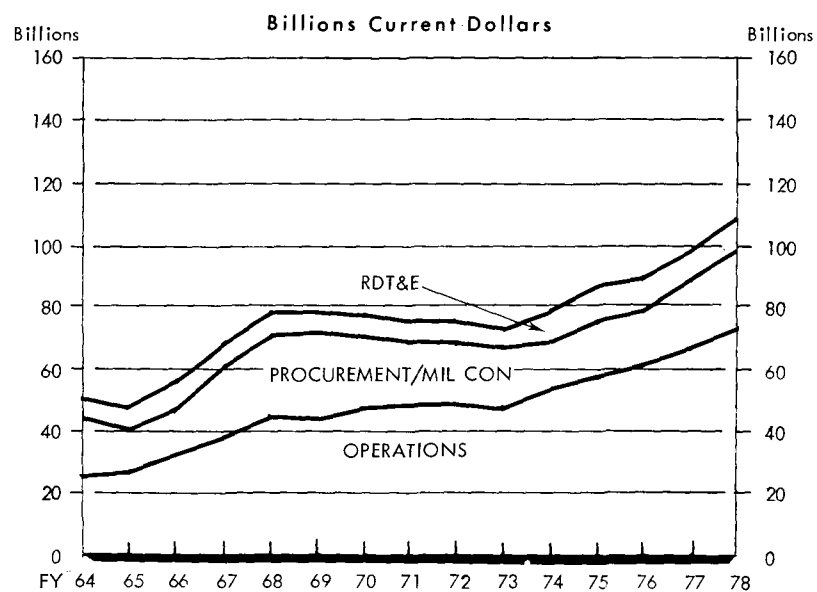
	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Amended President's Budget												
RDT&E	7.0	7.7	7.4	7.2	7.3	7.9	8.1	8.6	8.9	8.9	9.9	11.2
PROCUREMENT/MIL CON	17.8	25.3	26.3	23.6	21.1	19.2	17.5	17.7	18.8	18.8	21.4	26.4
OPERATIONS	26.0	45.0	44.9	47.1	47.1	48.9	48.2	52.1	58.0	60.8	66.9	72.1
TOTAL	50.8	78.0	78.6	77.9	75.5	76.0	73.8	78.4	86.0	88.5	98.3	109.7

(BILLIONS OF FY 78 DOLLARS)

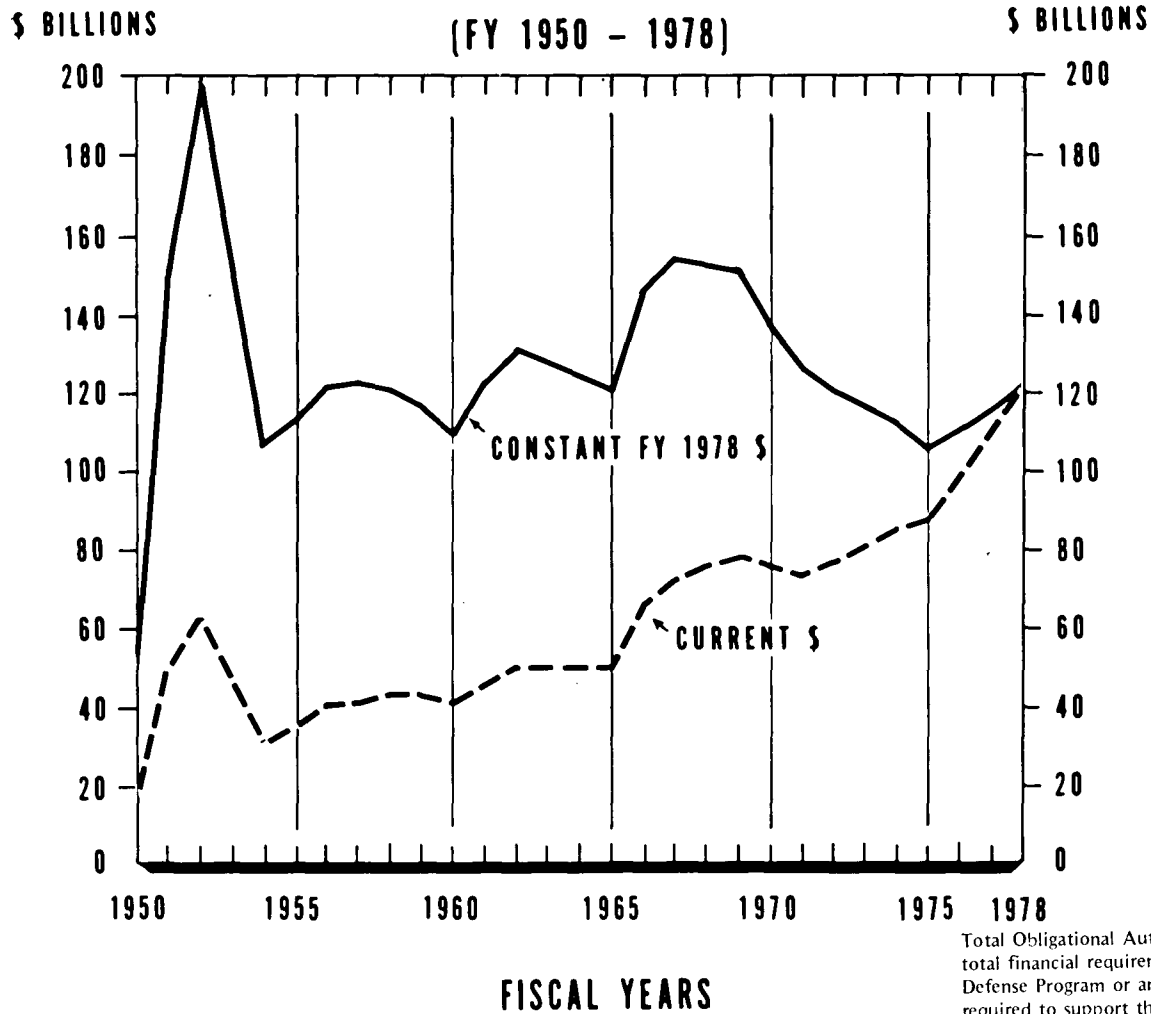
	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
RDT&E	14.8	14.5	13.4	12.1	11.6	11.9	11.8	11.5	10.7	10.1	10.6	11.2
PROCUREMENT/MIL CON	40.0	48.1	48.5	41.7	35.4	30.9	27.0	25.3	23.5	21.7	22.9	26.4
OPERATIONS	68.5	95.6	91.7	87.4	81.6	77.1	71.0	70.2	70.8	69.1	71.7	72.1
TOTAL	123.2	158.3	153.5	141.2	128.6	119.4	109.8	107.0	105.0	101.0	104.6	109.7

<sup>1</sup> Outlays: Checks issued or other payments made, net of refunds and reimbursements.

Source: OASD(C)P&amp;S



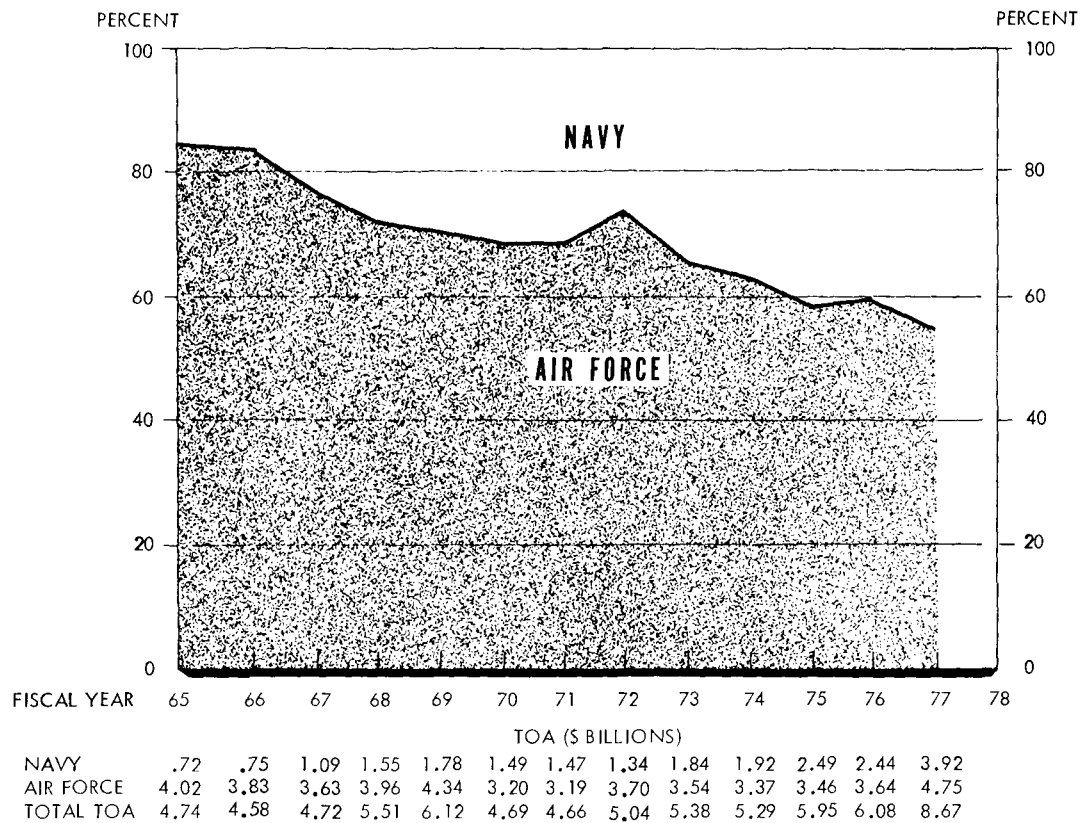
# DOD CURRENT AND CONSTANT DOLLAR TOA INCLUDING MILITARY RETIRED PAY



Total Obligational Authority (TOA): The total financial requirements of the Five Year Defense Program or any component thereof required to support the approved program of a given fiscal year.

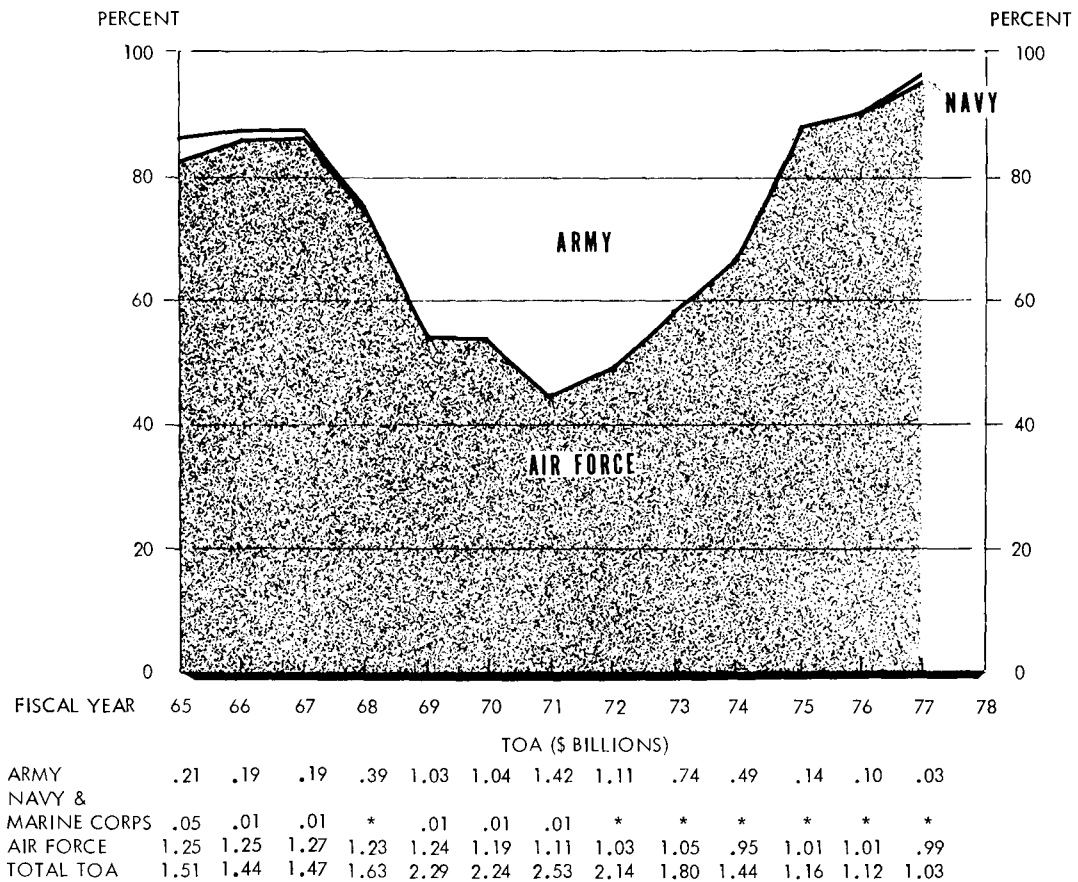


# DOD FINANCIAL PROGRAM STRATEGIC OFFENSIVE FORCES (BY SERVICE)



Source: FYDP

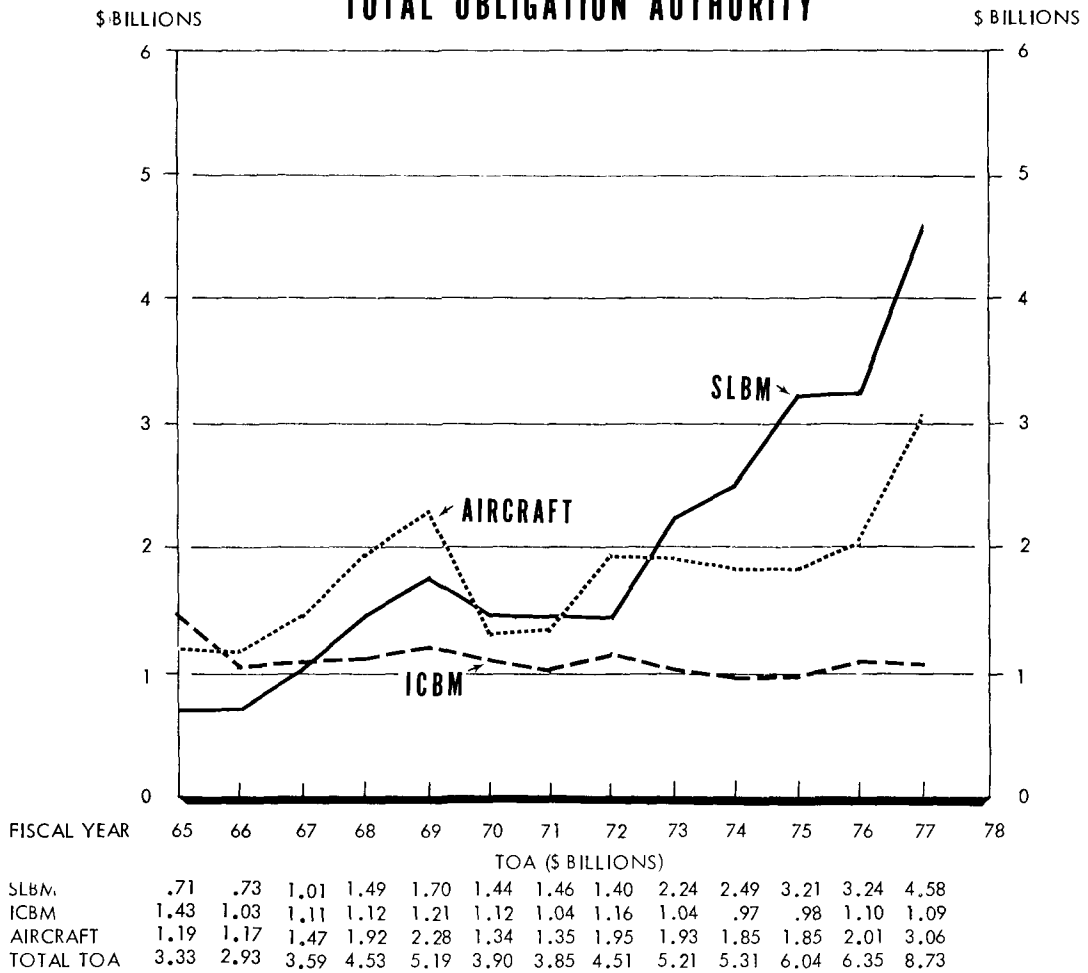
# DOD FINANCIAL PROGRAM STRATEGIC DEFENSIVE FORCES (BY SERVICE)



Source: FYDP

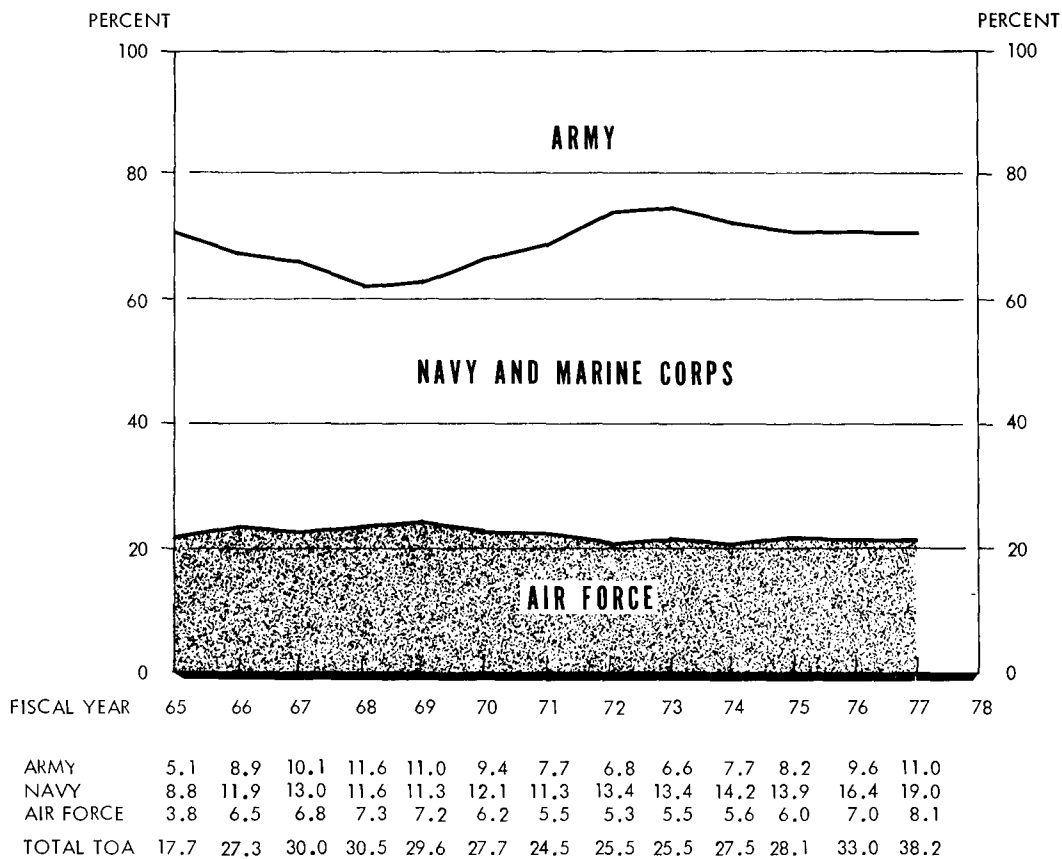
# TRIAD

## TOTAL OBLIGATION AUTHORITY



Source: FYDP

# DOD FINANCIAL PROGRAM GENERAL PURPOSE FORCES (BY SERVICE)



Source: FYDP

AIR FORCE OUTLAYS  
FY 64—78

BILLIONS OF CURRENT DOLLARS

	<u>FY 1964</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
RDT&E	3.7	3.8	3.4	2.9	2.8	3.2	3.4	3.2	3.3	3.3	3.6	4.0
PROCUREMENT/MIL CON	7.5	9.9	9.8	8.7	7.4	6.4	6.1	5.7	5.7	6.9	7.5	9.5
OPERATIONS	9.2	12.0	12.7	13.2	13.6	14.4	14.2	15.0	16.0	16.2	17.2	17.7
TOTAL	<u>20.4</u>	<u>25.7</u>	<u>25.9</u>	<u>24.9</u>	<u>23.8</u>	<u>24.0</u>	<u>23.6</u>	<u>23.9</u>	<u>25.0</u>	<u>26.4</u>	<u>28.3</u>	<u>31.2</u>

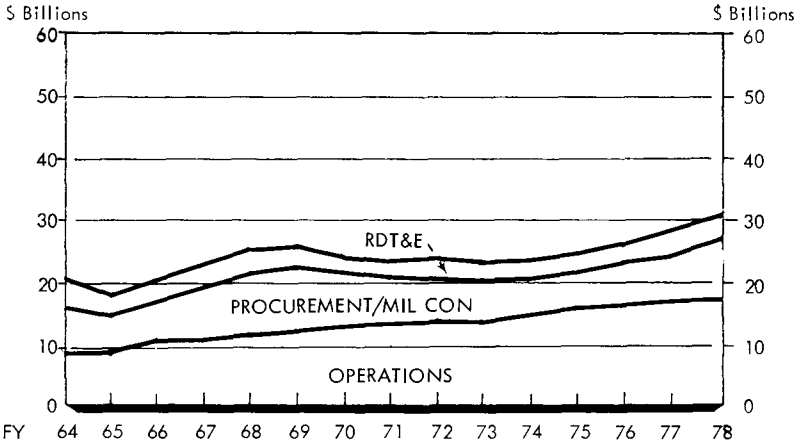
Amended  
President's  
Budget

BILLIONS OF FY 78 DOLLARS

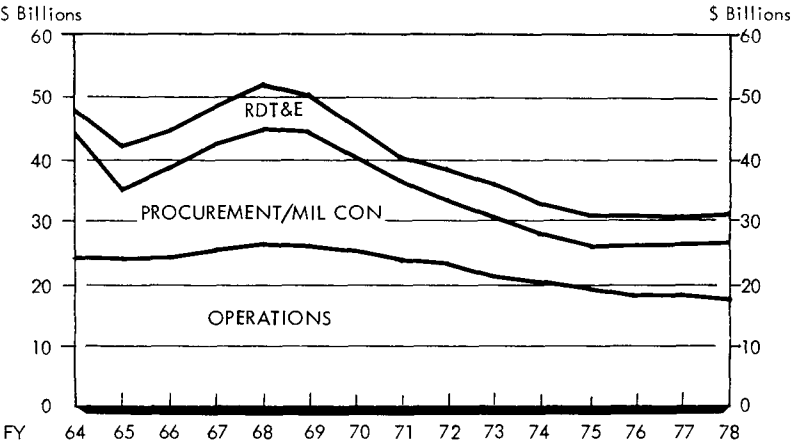
	<u>FY 1964</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
RDT&E	7.7	7.1	6.0	4.9	4.5	4.8	4.9	4.3	4.0	3.8	3.8	4.0
PROCUREMENT/MIL CON	15.9	18.6	17.7	15.2	12.3	10.2	9.3	8.1	7.1	8.0	8.1	9.5
OPERATIONS	24.5	26.4	26.6	25.2	24.0	23.3	21.5	20.5	19.5	18.5	18.3	17.7
TOTAL	<u>48.1</u>	<u>52.0</u>	<u>50.4</u>	<u>45.3</u>	<u>40.8</u>	<u>38.4</u>	<u>35.7</u>	<u>32.9</u>	<u>30.6</u>	<u>30.3</u>	<u>30.2</u>	<u>31.2</u>

Source: AF/ACB

Billions of Current Dollars



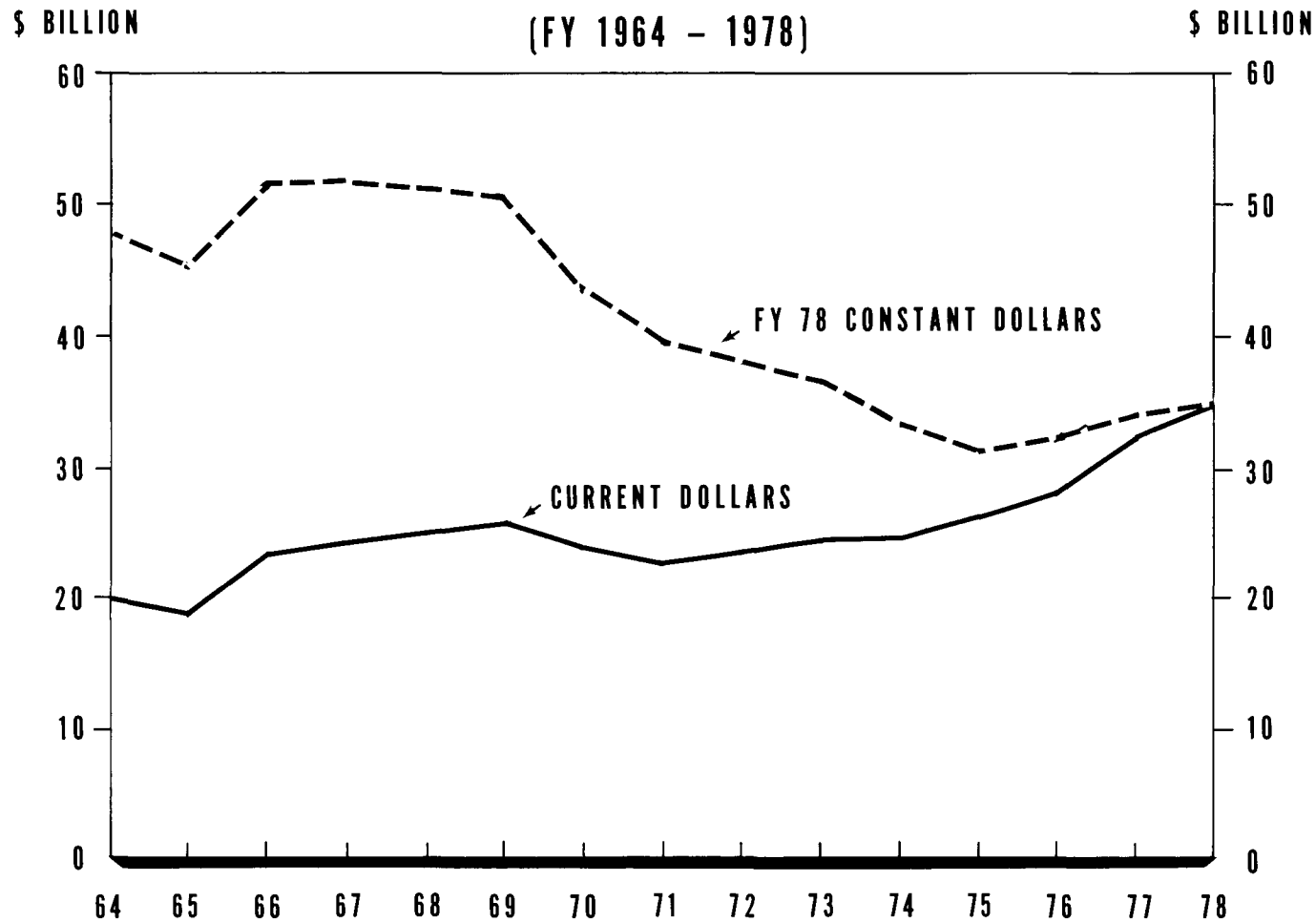
Billions of FY 78 Dollars



# AIR FORCE TOA

## IN CURRENT & CONSTANT FY 78 DOLLARS

(FY 1964 - 1978)



# AIR FORCE TOA

## Y MAJOR FORCE PROGRAMS AND APPROPRIATION

(\$ MILLIONS)

		FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	Amended Pres' budget 1978
By MFP													
I	Strategic Forces	6,527	5,186	5,576	4,384	4,299	4,730	4,598	4,326	4,475	4,638	5,749	5,793
II	General Purpose Forces	3,030	7,273	7,181	6,157	5,485	5,321	5,509	5,596	5,978	7,001	8,129	9,452
III	Intelligence & Communications	2,979	3,622	3,759	3,376	3,218	3,125	3,205	3,340	3,479	3,500	3,867	4,216
IV	Airlift & Sealift	1,010	1,736	1,440	1,637	1,291	1,102	846	755	886	1,347	1,493	1,580
V	Guard & Reserve Forces	502	621	591	743	823	915	1,013	1,222	1,402	1,600	1,733	2,056
VI	Research & Development	2,063	1,556	1,689	1,853	1,838	2,182	2,419	2,401	2,856	3,216	3,848	3,761
VII	Central Supply & Maintenance	1,768	2,375	2,827	2,615	2,629	2,730	2,675	2,763	3,000	3,059	3,608	3,461
VIII	Trng, Med, Other Pers Act	1,726	2,079	2,095	2,343	2,499	2,727	3,112	3,441	3,389	3,305	3,281	3,219
IX	Administrative & Associated Act	342	352	416	428	451	510	506	564	566	563	525	517
X	Support Other Nations	11	173	284	343	452	492	814	351	41	39	24	24
TOTAL		19,958	24,974	25,862	23,883	22,986	23,831	24,699	24,759	26,072	28,443 <sup>1</sup>	32,257	34,079 (34,729) <sup>3</sup>
By Appropriation													
3010	Aircraft Procurement	3,620	5,306	4,722	3,764	3,497	3,040	2,604	2,820	3,080	3,974	6,148	7,542
3020	Missile Procurement	2,220	1,408	1,592	1,469	1,423	1,666	1,683	1,419	1,543	1,710	1,864	1,875
3080	Other Procurement	876	2,358	2,449	1,762	1,529	1,574	2,072	1,651	1,649	2,040	2,297	2,472
3300	Military Construction	496	481	282	262	265	277	293	319	382	523	834	439
3600	RDT&E	3,627	3,412	3,447	3,056	2,817	2,928	3,120	3,062	3,299	3,606	3,806	4,223
3400	O&M	4,339	5,904	6,841	6,520	6,329	6,610	6,633	6,882	7,285	7,553	8,289	8,586
3500	Military Personnel	4,423	5,678	6,087	6,498	6,524	7,040	7,336	7,479	7,487	7,373	7,364	7,240
3700	Reserve Personnel	57	64	66	82	97	109	119	126	142	150	169	171
3730	Military Construction - AFR	3	4	4	4	5	9	7	11	16	18	11	11
3740	O&M - AFR <sup>2</sup>	-	-	-	-	-	-	187	239	296	327	359	378
3830	Military Construction - ANG	17	10	8	12	10	12	18	19	39	59	37	43
3840	O&M - ANG	220	266	277	345	369	417	459	551	653	710	793	832
3850	NG Personnel	60	84	88	111	123	149	168	182	202	210	228	232
4921	AFSF	-	-	-	-	-	-	-	-	-	15	59	35
TOTAL		19,958	24,974	25,862	23,883	22,986	23,831	24,699	24,759	26,072	28,443 <sup>1</sup>	32,257	34,079 (34,729) <sup>3</sup>
Constant FY 78 \$		48,048	51,283	50,725	43,842	39,809	38,257	36,791	33,151	31,755	32,534	34,308	34,079

<sup>1</sup> Total includes \$175M transferred to FY TQ.<sup>2</sup> Part of 3400 prior to 1973.<sup>3</sup> With anticipated supplementals.

NOTE: Totals may not add due to rounding.

Source: Historical FYDP  
AF/ACB

# SHIFT IN AF EXPENDITURES FROM FY 1964 TO FY 1978

(\$ BILLIONS)

## OUTLAYS

	THEN DOLLARS			CONSTANT 1978 DOLLARS		
	<u>1964</u>	<u>1978</u>	<u>TREND</u>	<u>1964</u>	<u>1978</u>	<u>TREND</u>
OPERATIONS	9.2	17.7	+ 92%	24.5	17.7	- 28%
RDT&E	3.7	4.0	+ 8%	7.7	4.0	- 48%
PROCUREMENT/MIL CON	7.5	9.5	+ 27%	15.9	9.5	- 40%
TOTAL	20.4	31.2	+ 53%	48.1	31.2	- 35%

## TOA

	THEN DOLLARS			CONSTANT 1978 DOLLARS		
	<u>1964</u>	<u>1978</u>	<u>TREND</u>	<u>1964</u>	<u>1978</u>	<u>TREND</u>
OPERATIONS	9.1	18.1	+ 99%	24.3	18.1	+ 26%
RDT&E	3.6	4.2	+ 17%	7.6	4.2	- 45%
PROCUREMENT/MIL CON	7.3	12.4	+ 70%	16.2	12.4	- 23%
TOTAL	20.0	34.7	+ 74%	48.0	34.7	- 28%

(1978 = Amended President's Budget, including anticipated supplementals.)

AF/ACMC/76043

## ECONOMIC ESCALATION

	FY 1964 - 1978	
	<u>PURCHASING POWER DECREASES</u>	<u>PRICE INCREASES</u>
RDT&E	- 51%	+ 105%
PROCUREMENT	- 53%	+ 111%
MILITARY CONSTRUCTION	- 61%	+ 158%
MILITARY PERSONNEL	- 65%	+ 186%
O & M	- 58%	+ 140%

Source: DOD Deflators (Outlays)  
OASD(C), 6 Jul 76



## AIR FORCE BUDGET TRENDS

(TOA \$ BILLIONS)

	<u>FY 1964</u>	<u>FY 1974</u>	<u>FY 1975</u>	<u>FY 1976</u>	<u>FY 1977</u>	<u>FY 1978<sup>1</sup></u>
<u>THEN YEAR DOLLARS</u>						
President's Budget (Including Supplementals)	20.3	26.6	28.3	30.6	32.5	34.7
Appropriated	20.0	24.7	26.1	28.6	31.7	
Percent Increase Over FY 1964		+24 %	+31 %	+43 %	+59 %	
<u>CONSTANT FY 1978 DOLLARS</u>						
Appropriated						
Operating and Personnel	24.3	20.7	19.4	18.8	18.3	18.1
Procurement/Mil Cons/RDT&E	23.7	12.5	12.4	13.7	16.0	16.6
TOTAL	48.0	33.2	31.8	32.5	34.3 <sup>2</sup>	34.7
Percent Decrease from FY 1964		-31 %	-34 %	-32 %	-28 %	-28 %

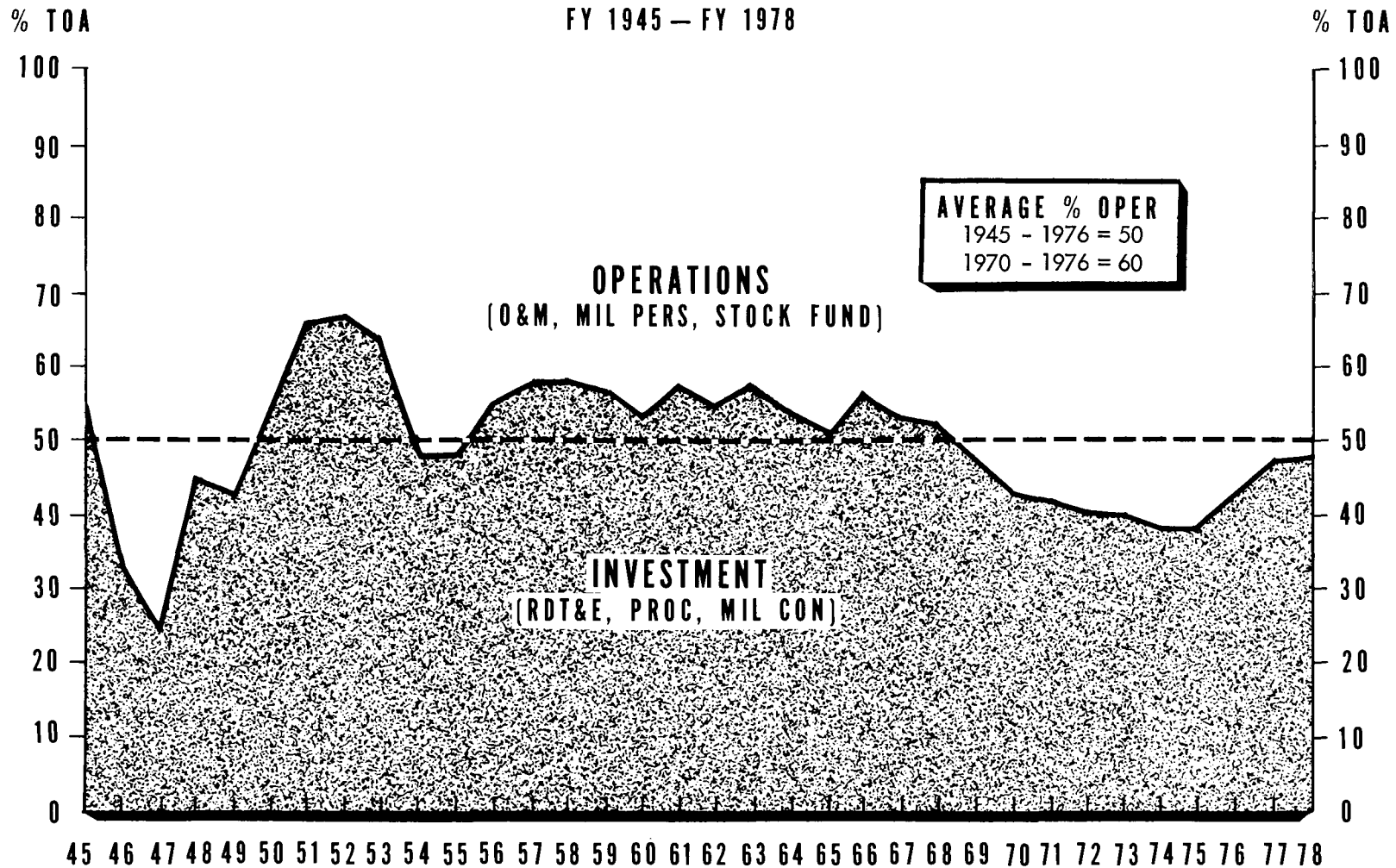
<sup>1</sup> Amended President's Budget.

<sup>2</sup> Revised Estimate

# DEPARTMENT OF THE AIR FORCE

## INVESTMENT & OPERATIONS COSTS AS % TOA

FY 1945 — FY 1978



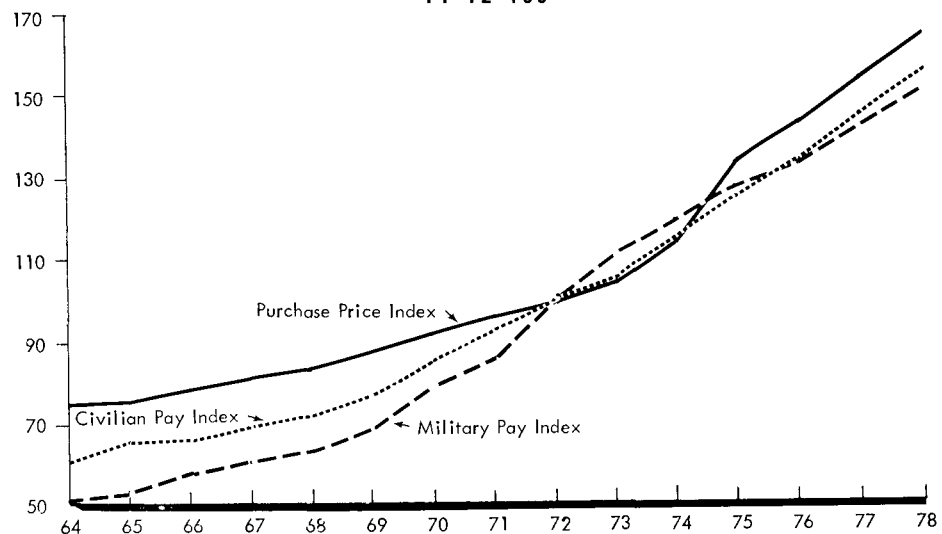
Source: FY 45-76 OASD(C) and Historical FYDP.

# PAY INCREASES & PAY & PRICE INDICES SINCE 1945

Military and Civilian Pay Increase			Pay & Purchase Price Indices (FY 1976=100)			
Effective Date	Military Pay Base	Civilian Salaries	Fiscal Year	Military Pay Base	Civilian Salaries	Purchase Price <sup>1</sup>
Jul 1, 1945	-	15.9%	1946	18.5	18.0	
Jul 1, 1946	23.7%	14.2%	1947	23.2	19.6	
Jul 1, 1948	-	11.0%	1948	23.2	20.1	
Oct 1, 1949	21.6%	-	1949	23.1	21.7	
Oct 28, 1949	-	4.1%	1950	26.3	22.7	39.8
Jul 1, 1951	-	10.0%	1951	27.6	22.5	43.2
May 1, 1952	10.9%	-	1952	27.2	24.0	43.0
Mar 1, 1955	-	7.5%	1953	29.0	24.9	42.1
Apr 1, 1955	2.8%	-	1954	28.9	26.1	42.2
Jan 1, 1958	-	10.0%	1955	29.6	27.7	44.0
Jun 1, 1958	6.3%	-	1956	31.1	29.6	45.8
Jul 1, 1960	-	7.7%	1957	30.6	30.7	48.4
Oct 14, 1962	-	5.5%	1958	32.3	34.7	48.8
Oct 1, 1963	8.4%	-	1959	34.6	37.0	49.1
Jan 5, 1964	-	4.1%	1960	35.1	38.1	49.7
Jul 1, 1964	-	4.2%	1961	35.4	41.0	49.9
Sep 1, 1964	1.4%	-	1962	35.1	41.9	50.9
Sep 1, 1965	6.4%	-	1963	35.4	43.5	51.9
Oct 1, 1965	-	3.6%	1964	38.4	45.4	52.2
Jul 1, 1964	2.8%	2.9%	1965	39.9	48.1	53.0
Oct 1, 1967	4.5%	4.5%	1966	42.9	49.8	54.7
Jul 1, 1968	4.9%	4.9%	1967	45.1	52.0	56.7
Jul 1, 1969	9.1%	9.1%	1968	47.3	53.9	58.6
Jan 1, 1970	6.0%	6.0%	1969	51.2	57.4	60.9
Jan 1, 1971	6.0%	6.0%	1970	59.0	64.1	63.7
Nov 14, 1971	13.1%	-	1971	64.1	69.4	66.9
Jan 1, 1972	5.5%	5.5%	1972	74.7	75.0	69.8
Jan 1, 1973	5.1%	5.1%	1973	82.9	79.2	72.8
Oct 1, 1973	4.8%	4.8%	1974	89.6	86.0	79.8
Oct 1, 1974	5.5%	5.5%	1975	95.1	93.1	93.0
Oct 1, 1975	5.0%	5.0%	1976	100.0	100.0	100.0
Oct 1, 1976	4.5%	4.8%	1977	105.9	109.0	107.5
Oct 1, 1977	6.2%	6.5%	1978	112.5	116.3	114.8

<sup>1</sup> Non-compensation component of the deflator for federal purchases of goods and services.

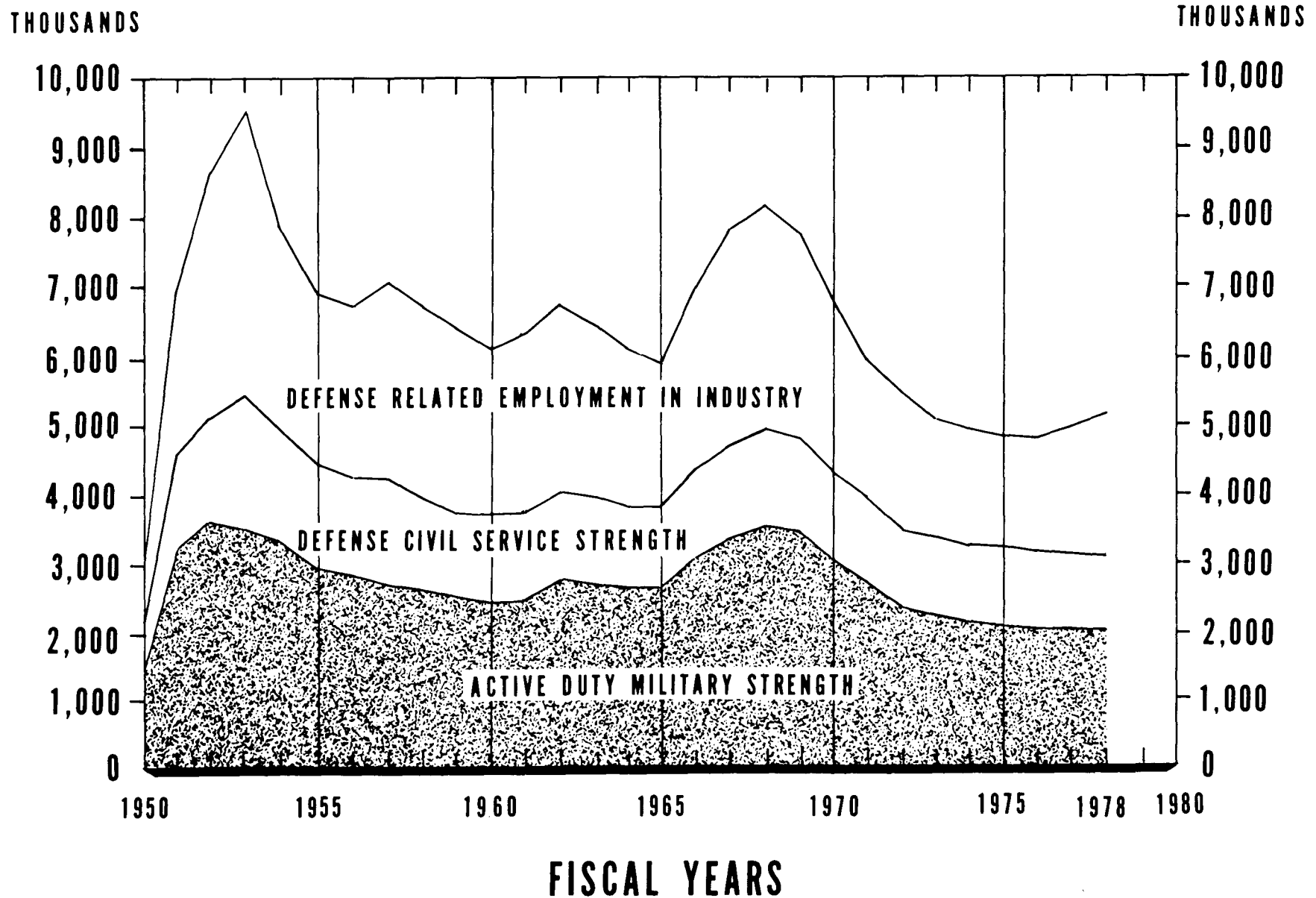
## PAY AND PURCHASE PRICE INDICES FY 72=100



NOTE: Above indices assume parity in FY 72.

Source: FY 1949 - FY 1976 U.S. Department of Commerce.  
FY 1977 and FY 1978 estimated by DOD.  
OASD(C), 17 Jan 1977.

# US DEFENSE AND DEFENSE RELATED MANPOWER



# DOD PERSONNEL TRENDS (THOUSANDS) (END FISCAL YEAR)

ACTIVE DUTY MILITARY	FY 1964	1968	1976	PROJ 1977	PROJ 1978	CHANGE 1964 - 76	CHANGE 1968 - 76	CHANGE 1976 - 78
Air Force	856	905	585	571	572	-32%	-35%	- 2%
Army	972	1,570	779	789	790	-20%	-50%	+ 1%
Navy	667	765	525	536	535	-21%	-31%	+ 2%
Marine Corps	190	307	192	192	192	+ 1%	-37%	0
TOTAL	2,685	3,547	2,081	2,088	2,089	-22%	-41%	+ 1%

## DIRECT HIRE CIVILIANS

Air Force	305	331	248	242	241	-18%	-24%	- 3%
Army	360	462	329	319	319	- 9%	-29%	- 3%
Navy	332	419	311	309	307	- 6%	-25%	- 2%
Defense Agencies	38	75	72	78	77	+92%	- 3%	+ 1%
TOTAL	1,035	1,287	960	948	943	- 7%	-25%	- 2%

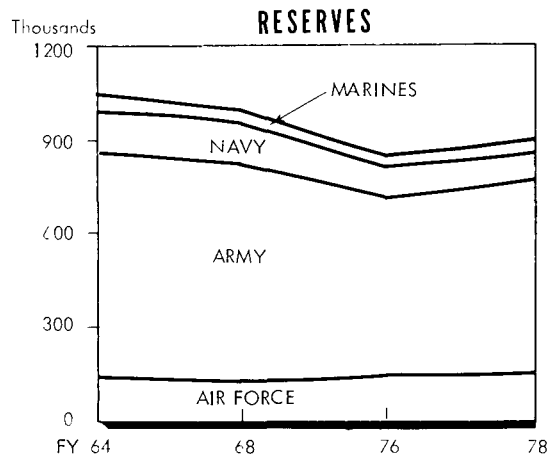
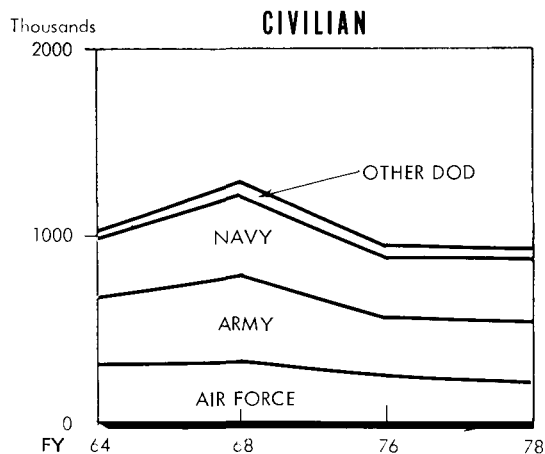
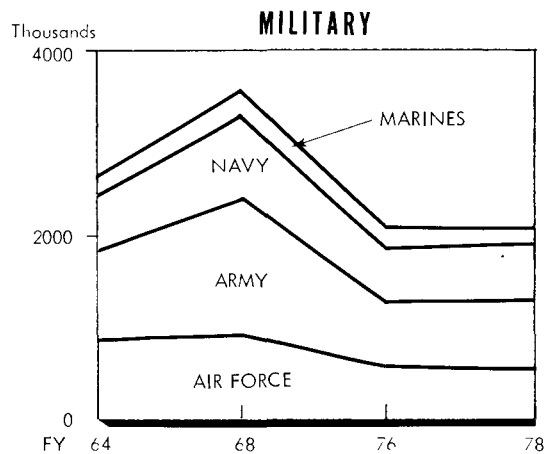
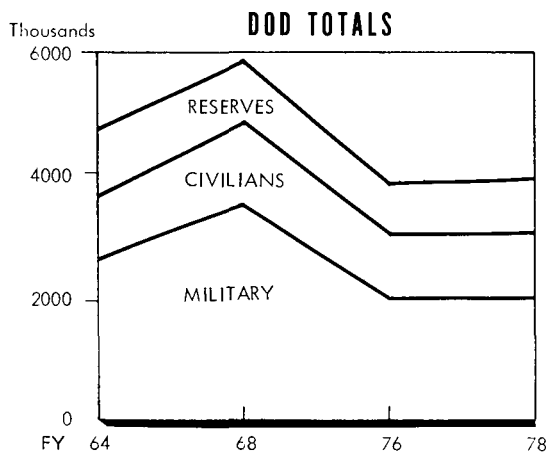
## RESERVE COMPONENTS (Paid)

Air National Guard	73	75	91	92	93	+25%	+21%	+ 2%
Air Force Reserve	67	46	49	55	53	-27%	+ 7%	+ 8%
Army National Guard	382	389	362	377	390	- 5%	- 7%	+ 8%
Army Reserve	346	312	212	216	236	-39%	-32%	+11%
Naval Reserve	132	131	98	99	97	-26%	-25%	- 1%
Marine Corps Reserve	48	48	30	33	34	-37%	-37%	+13%
TOTAL	1,048	1,001	842	872	903	-20%	-16%	+ 7%

<sup>1</sup> Includes Cadets.

<sup>2</sup> For comparability, includes Army and Air Force National Guard Technicians, actually not federalized until 1969.  
Totals are 38,000 and 39,000 for 1964 and 1968 respectively.

## PERSONNEL TRENDS



AF/DPC/35304  
AF/DPP/78915

## USAF PERSONNEL COMPARISONS

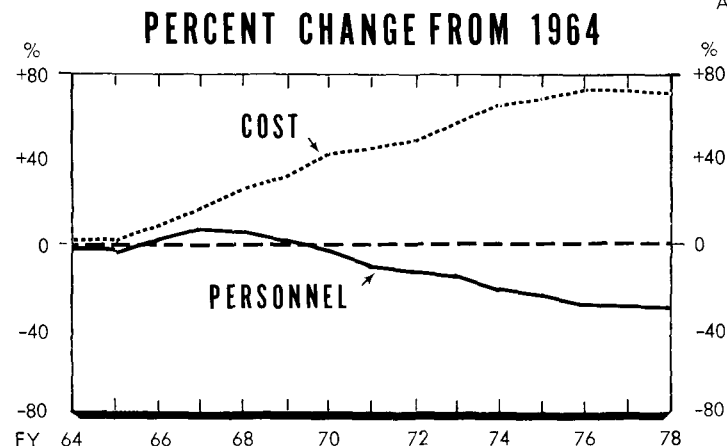
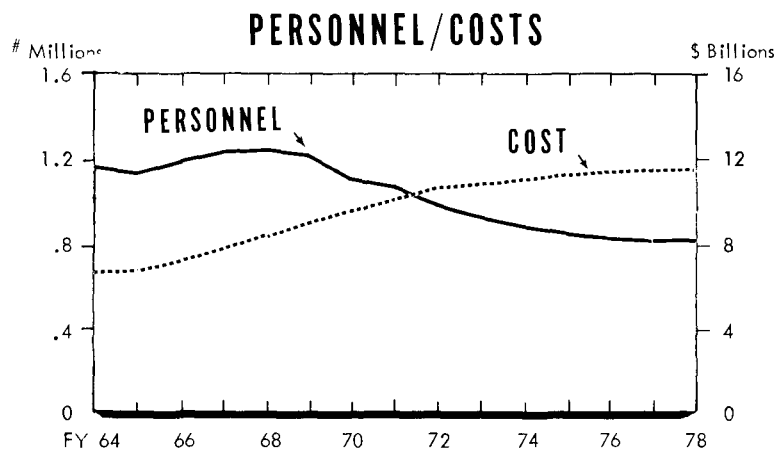
(Personnel in thousands; dollars in millions)

	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	Amended President's Budget 1978
<b>Civilian Personnel</b>												
Indirect Hire	32.7	25.7	24.9	21.3	19.4	19.7	17.1	15.8	14.3	13.5	15.2	14.9
Direct Hire	289.7	316.0	325.4	306.3	293.1	279.9	270.5	273.6	263.7	248.2	242.0	241.3
Total Civilian	322.4	341.7	350.3	327.6	312.5	299.6	287.6	289.4	278.0	261.7	257.2	256.2
% of Total Personnel	27.4	27.4	28.9	29.3	29.3	29.2	29.4	31.0	31.2	30.9	31.0	30.9
<b>Military Personnel</b>												
Officer	133.0	139.6	135.2	129.5	125.7	121.5	114.8	110.3	105.0	99.6	96.2	94.9
Airman	720.0	761.5	722.9	657.4	625.0	599.7	571.8	529.1	503.2	481.2	470.5	472.8
USAF Cadets	2.8	3.7	3.9	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
Total Military	855.8	904.8	862.0	791.0	755.1	725.6	691.0	643.8	612.6	585.2	571.0	572.0
Ratio: Officer:Airman	1:5.4	1:5.5	1:5.3	1:5.1	1:5.0	1:4.9	1:5.0	1:4.8	1:4.8	1:4.8	1/4.9	1/5.0
<b>TOTAL PERSONNEL</b>	<b>1178.2</b>	<b>1246.5</b>	<b>1212.3</b>	<b>1118.6</b>	<b>1067.6</b>	<b>1025.2</b>	<b>978.6</b>	<b>933.2</b>	<b>890.6</b>	<b>846.9</b>	<b>828.2</b>	<b>828.2</b>
<b>Personnel Costs (Millions \$ - Outlays)</b>												
Military Personnel (Includes PCS)	4550	5806	6183	6659	6826	7283	7517	7659	7478	7405	7364	7241
Civilian Payroll (Direct Hire)	2140	2673	2789	3014	3195	3349	3305	3464	3835	4019	4199	4161
Total (Air Force Budget)	6690	8479	8972	9673	10021	10632	10822	11123	11313	11424	11563	11402
Retirement (OSD Budget)	258	591	717	872	1086	1291	1507	1806	2240	2654	3002	3263

1 Excludes Non-Chargeable Personnel.

2 Excludes Reimbursements.

Source: AF/ACB  
AF/DPC  
AF/DPP



# TOTAL USAF ACTIVE MANPOWER

## BY MAJOR FORCE PROGRAM

(NUMBER of PERSONNEL)

Major Force Program	FY 1976				FY 1977 (Est)				FY 1978 (Est)			
	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian
Strategic Forces	21,171	116,821	137,992	24,890	19,265	103,802	123,067	19,317	18,463	106,950	125,413	18,613
General Purpose Forces	17,096	123,903	140,999	31,671	18,692	134,882	153,514	29,967	18,979	138,304	157,283	29,294
Intelligence & Communications	8,299	56,673	64,972	10,179	8,472	51,868	60,340	9,329	8,442	51,148	59,590	8,994
Airlift and Sealift	8,591	47,777	56,368	14,079	8,015	49,612	57,627	15,682	7,730	47,828	55,558	15,476
Guard & Reserve Forces	445	937	1,382	34,460	480	1,210	1,690	34,972	453	1,072	1,525	34,961
Research and Development	6,531	11,030	17,561	20,574	6,801	9,423	16,224	19,149	6,817	8,496	15,313	18,696
Central Supply & Maintenance	2,667	5,912	8,579	87,584	2,756	6,955	9,711	93,917	2,761	6,683	9,444	95,947
Training, Medical & Other Gen Pers Activities	27,750	105,539	133,289	27,619	24,836	103,068	127,904	24,776	24,437	103,691	128,128	24,218
Administration & Associated Activities	6,075	10,800	16,875	10,326	5,217	6,272	11,489	7,522	5,133	5,161	10,294	7,315
Support to Other Nations	953	1,822	2,775	310	1,706	3,422	5,128	2,602	1,708	3,432	5,140	2,686
Cadets		4,415	4,415			4,306	4,306			4,306	4,306	
<b>TOTAL AIR FORCE</b>	<b>99,578</b>	<b>485,629</b>	<b>585,207</b>	<b>261,692</b>	<b>96,240</b>	<b>474,760</b>	<b>571,000</b>	<b>257,233</b>	<b>94,923</b>	<b>477,071</b>	<b>571,994</b>	<b>256,200</b>

### (TOA in MILLIONS)

Major Force Program	FY 1976				FY 1977 (Est)				FY 1978 (Est)			
	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian
Strategic Forces	463	1,131	1,594	358	445	1,056	1,501	315	430	1,027	1,457	296
General Purpose Forces	386	1,208	1,594	341	412	1,280	1,692	354	429	1,331	1,760	341
Intelligence & Communications	186	563	749	161	188	525	713	165	193	502	695	155
Airlift and Sealift	180	464	644	127	183	469	652	156	179	475	654	160
Guard and Reserve Forces	10	11	21	564	11	11	22	607	11	11	22	624
Research and Development	141	104	245	411	150	100	250	401	155	87	243	391
Central Supply and Maintenance	67	67	134	1,501	62	64	126	1,682	63	66	129	1,701
Training, Medical & Other Gen Pers Activities	605	974	1,579	386	600	1,049	1,649	376	562	1,008	1,570	357
Cadets			22				23				23	
PCS			557				514				496	
Administration & Associated Activities	129	106	235	170	121	79	200	143	115	55	170	136
Support to Other Nations	17	14	31	-	11	11	22	-	10	12	22	-
<b>TOTAL AIR FORCE</b>	<b>2,184</b>	<b>4,642</b>	<b>7,405</b>	<b>4,019</b>	<b>2,183</b>	<b>4,644</b>	<b>7,364</b>	<b>4,199</b>	<b>2,147</b>	<b>4,574</b>	<b>7,240</b>	<b>4,161</b>

NOTE: Columns may not add due to rounding.

Source: Amended FY 78 President's Budget for FY 77/78.  
FY 76 manpower is actual assigned end-year strength.

## USAF MANPOWER BY FUNCTIONAL AREA

(Totals in Thousands)

	FY 1976			FY 1977			FY 1978		
	MIL	CIV	AGG	MIL	CIV	AGG	MIL	CIV	AGG
Activities Outside the USAF	10.9	0.9	11.8	10.3	1.3	11.6	10.3	1.3	11.6
Civil Engineering	30.6	36.9	67.5	30.3	36.4	66.7	29.3	36.0	65.3
Comptroller	12.6	14.9	27.5	12.4	14.9	27.3	12.5	14.9	27.4
Depot Operations & Maint	3.5	59.7	63.2	3.4	60.9	64.3	3.4	61.0	64.4
Grnd Comm Elect Opns & Maint	54.6	6.9	61.5	53.1	7.2	60.3	51.1	7.0	58.1
Intelligence	15.2	2.0	17.2	15.1	2.0	17.1	14.6	1.9	16.5
Medical	34.9	7.7	42.6	34.1	7.6	41.7	34.2	7.6	41.8
Operations	52.1	3.4	55.5	51.6	4.0	55.6	51.8	4.0	55.8
Personnel	20.5	11.1	31.6	20.2	10.9	31.1	20.2	10.8	31.0
Research & Development	9.4	12.6	22.0	9.2	12.5	21.7	9.2	12.4	21.6
Security Police	31.3	3.2	34.5	30.5	3.1	33.6	34.9	3.0	37.9
Supply, Services & Procurement	38.4	32.9	71.3	37.5	26.8	64.3	37.1	26.5	63.6
Training	62.1	4.2	66.3	63.0	4.2	67.2	63.7	4.2	67.9
Transportation	19.5	11.3	30.8	19.3	11.1	30.4	19.2	11.0	30.2
Weapons Systems Maint	135.9	9.7	145.6	135.3	9.2	144.5	135.0	9.4	144.4
Command, Admin, Other	28.0	10.2	38.2	26.8	10.3	37.1	26.7	10.3	37.0
Transients & Patients	25.7		25.7	18.9		18.9	18.8		18.8
Air Reserve Forces									
ANG Tech/Other Civilians		23.5	23.5		23.8	23.8		24.0	24.0
AF Reserve Tech/Other Civ		11.0	11.0		11.2	11.2		11.0	11.0
Aggregate	585.2	261.7	846.9	571.0	257.2	828.2	572.0	256.2	828.2

NOTE: Totals may not add due to rounding.

AF/PRM/55192

## MANPOWER AUTHORIZATIONS BY COMMAND

### FY 77

COMMAND	TOTAL AUTHORIZATIONS	%	MILITARY AUTHORIZATIONS	%	CIVILIANS AUTHORIZATIONS	%
SAC	116.2	( 14.0)	101.6	( 17.9)	14.6	( 5.7)
AFLC	89.5	( 10.8)	8.8	( 1.5)	80.7	( 31.3)
ATC	85.0	( 10.2)	70.3	( 12.2)	14.7	( 5.7)
TAC	92.8	( 11.2)	82.1	( 14.3)	10.7	( 4.1)
MAC	88.4	( 10.6)	71.3	( 12.4)	17.0	( 6.6)
USAFE	62.3	( 7.5)	51.7	( 9.0)	10.6	( 4.0)
AFSC	54.9	( 6.6)	26.8	( 4.7)	28.0	( 10.8)
AFCS	44.9	( 5.4)	37.8	( 6.6)	7.1	( 2.7)
PACAF	34.0	( 4.1)	23.9	( 4.1)	10.1	( 3.9)
ADCOM	27.8	( 3.3)	23.4	( 4.0)	4.4	( 1.7)
ANG	23.8	( 2.8)	-	-	23.8	( 9.2)
USAFSS	16.9	( 2.0)	14.8	( 2.5)	2.2	( .8)
AFRES	10.8	( 1.3)	.4	( .1)	10.4	( 4.0)
AAC	8.5	( 1.0)	7.3	( 1.2)	1.3	( .4)
AU	8.9	( 1.0)	6.9	( 1.2)	2.0	( .7)
OTHER	44.2	( 5.3)	24.6	( 4.3)	20.4	( 7.9)
TRANSIENTS & PATIENTS	19.8	( 2.3)	19.8	( 3.4)	-	-
TOTAL ACTIVE	828.2	(100.0)	571.0	(100.0)	257.2	(100.0)
AFRES			53.3	( 36.6)		
ANG			92.0	( 63.3)		
TOTAL RESERVE FORCES			145.3	(100.0)		

NOTE: Totals may not add due to rounding.

Source: Amended FY 78 President's Budget for FY 77/78.  
FY 76 based on assigned strength totals.



# **USAF PERSONNEL** **ASSIGNED STRENGTH BY COMMAND/SOA** **(END OF FISCAL YEAR)**

(IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976
<u>AAC</u>													
Military	10.4	9.9	10.0	9.8	9.9	9.5	8.1	8.5	8.9	9.0	9.1	8.7	8.4
Civilian	1.8	1.9	2.2	2.3	2.5	2.4	2.1	2.3	2.2	2.1	2.2	1.9	1.7
Total AAC	12.2	11.8	12.2	12.1	12.5	11.9	10.2	10.8	11.1	11.1	11.3	10.6	10.1
<u>ADC</u>													
Military	96.2	88.1	81.6	82.1	73.3	59.4	50.9	41.6	37.0	34.0	31.3	28.6	25.4
Civilian	10.3	10.3	11.2	13.3	14.5	12.6	9.7	8.2	7.3	6.1	5.3	5.5	5.3
Total ADC	106.5	98.4	92.8	95.4	87.8	72.0	60.6	49.8	44.3	40.1	36.6	34.1	30.7
<u>AFAA</u>													
Military	-	-	-	-	-	-	-	-	.6	.6	.5	.5	.5
Civilian	-	-	-	-	-	-	-	-	.5	.5	.5	.5	.5
Total AFAA	-	-	-	-	-	-	-	-	1.1	1.1	1.0	1.0	1.0
<u>AFAFC</u>													
Military	.1	.1	.1	.1	.3	.3	.4	.4	.3	.3	.3	.2	.2
Civilian	1.7	1.8	1.7	1.8	1.9	1.9	1.8	1.8	1.8	2.1	2.2	2.0	1.9
Total AFAFC	1.8	1.9	1.9	1.9	2.2	2.2	2.2	2.2	2.1	2.4	2.5	2.2	2.1
<u>AFCS</u>													
Military	42.7	41.5	46.5	47.9	48.6	46.7	49.0	48.4	45.5	42.7	41.3	39.6	41.1
Civilian	6.2	6.0	5.9	6.2	5.9	5.6	8.0	7.2	6.8	6.6	6.8	7.1	7.1
Total AFCS	48.9	47.5	52.4	54.1	54.6	52.3	57.0	55.6	52.3	49.3	48.1	46.7	48.2
<u>AFDAA</u>													
Military	-	-	-	-	-	-	-	-	.7	.9	1.1	1.2	1.3
Civilian	-	-	-	-	-	-	-	-	.5	.6	.6	.8	.9
Total AFDAA	-	-	-	-	-	-	-	-	1.2	1.4	1.7	2.0	2.2
<u>AFDSDC</u>													
Military	-	-	-	-	.4	.5	.5	.5	-	-	-	-	-
Civilian	-	-	-	-	-	-	.3	.3	-	-	-	-	-
Total AFDSDC	-	-	-	-	.4	.5	.8	.8	-	-	-	-	-
<u>AFIS</u>													
Military	-	-	-	-	-	-	-	-	-	.4	.4	.4	.4
Civilian	-	-	-	-	-	-	-	-	-	.2	.1	.2	.2
Total AFIS	-	-	-	-	-	-	-	-	-	.6	.5	.6	.6

(Continued on next page)

# USAF PERSONNEL ASSIGNED STRENGTH BY COMMAND/SOA<sup>1</sup> (END OF FISCAL YEAR)

(Continued)

(IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976
<u>AFISC</u>													
Military	-	-	-	-	-	-	-	-	.3	.3	.3	.4	.4
Civilian	-	-	-	-	-	-	-	-	.1	.1	.1	.1	.1
Total AFISC	-	-	-	-	-	-	-	-	.4	.4	.4	.5	.5
<u>AFLC</u>													
Military	16.3	15.9	15.7	15.3	16.2	15.4	11.1	10.1	10.5	10.7	10.6	9.9	9.2
Civilian	124.8	125.0	134.8	130.6	125.2	124.9	114.0	107.9	103.5	100.7	97.2	90.5	83.0
Total AFLC	141.1	140.9	150.5	145.8	141.3	140.3	125.1	117.9	114.0	114.4	107.8	100.4	92.2
<u>AFMPC</u>													
Military	-	-	-	-	-	-	-	-	.9	1.1	1.2	1.2	1.3
Civilian	-	-	-	-	-	-	-	-	.6	.6	.6	.6	.6
Total AFMPC	-	-	-	-	-	-	-	-	1.5	1.7	1.8	1.8	1.9
<u>AFOAR</u>													
Military	.5	.5	.5	.5	.5	.5	.05	-	-	-	-	-	-
Civilian	1.5	1.5	1.5	1.6	1.5	1.5	1.5	-	-	-	-	-	-
Total AFOAR	2.0	2.0	2.0	2.1	2.0	2.1	1.6	-	-	-	-	-	-
<u>AFOSI</u>													
Military	-	-	-	-	-	-	-	-	2.4	1.5	1.5	1.5	1.6
Civilian	-	-	-	-	-	-	-	-	.6	.4	.4	.4	.3
Total AFOSI	-	-	-	-	-	-	-	-	3.0	1.9	1.9	1.9	1.9
<u>AFRES/ARPC</u>													
Military	2.4	1.7	1.5	1.3	1.3	1.0	1.0	1.0	1.0	1.0	.9	1.0	.5
Civilian	9.0	9.0	8.6	8.9	8.4	8.0	8.4	9.5	9.3	10.3	11.5	11.5	10.9
Total AFRES/ARPC	11.4	10.7	10.2	10.3	9.7	9.0	9.4	10.5	10.3	11.3	12.4	12.5	11.4
<u>AFSC</u>													
Military	29.1	29.7	29.1	29.5	30.2	27.4	27.8	26.2	28.0	27.7	26.5	26.2	26.5
Civilian	37.3	36.9	32.6	31.9	33.3	31.6	29.5	29.4	28.9	28.5	29.6	29.0	28.1
Total AFSC	66.4	66.6	61.7	61.5	63.5	59.0	57.3	55.6	56.9	56.2	56.1	55.2	54.6
<u>AFTEC HQ</u>													
Military	-	-	-	-	-	-	-	-	-	-	-	.2	.2
Civilian	-	-	-	-	-	-	-	-	-	-	-	.04	.05
Total AFTEC HQ	-	-	-	-	-	-	-	-	-	-	-	.2	.2

(Continued on next page)

# USAF PERSONNEL ASSIGNED STRENGTH BY COMMAND/SOA (END OF FISCAL YEAR)

(Continued)

(IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976
<u>ATC</u>													
Military	58.1	56.0	56.4	57.2	55.0	53.2	53.9	51.2	63.5	60.1	61.0	55.2	50.0
Civilian	20.2	20.5	23.1	21.4	22.1	20.0	19.6	19.5	18.8	18.3	18.7	17.9	16.8
Total ATC	78.3	76.5	79.5	78.6	77.2	73.3	73.5	70.7	82.3	78.4	79.7	73.1	66.8
<u>AU</u>													
Military	5.3	5.2	5.0	4.9	4.7	4.7	4.5	4.4	4.6	4.5	5.0	4.7	4.3
Civilian	2.2	2.3	2.4	2.6	2.6	2.4	2.4	2.4	2.3	2.2	2.3	2.2	2.1
Total AU	7.5	7.6	7.4	7.5	7.4	7.1	6.9	6.8	6.9	6.7	7.3	6.9	6.4
<u>HQ COMD</u>													
Military	22.8	24.2	22.2	25.5	29.7	29.8	29.8	28.6	21.3	19.9	19.5	17.3	10.9
Civilian	7.3	8.0	6.8	7.4	7.2	6.9	7.0	6.9	4.2	3.7	3.5	3.2	2.8
Total HQ COMD	30.1	32.2	29.0	32.9	36.9	36.7	36.8	35.5	25.5	23.6	23.0	20.5	13.7
<u>HQ USAF</u>													
Military	2.8	2.8	2.9	3.1	3.2	3.3	3.0	2.9	3.9	3.9	3.9	3.9	8.4
Civilian	3.4	3.3	3.4	3.7	3.6	3.2	2.7	2.5	2.8	2.8	2.6	2.5	2.3
Total HQ USAF	6.2	6.1	6.4	6.8	6.8	6.5	5.7	5.4	6.7	6.7	6.5	6.4	10.7
<u>MAC/ACIC</u>													
Military	72.3	72.2	76.0	82.2	89.7	76.2	74.4	70.3	69.5	60.9	54.9	70.0	71.8
Civilian	18.7	18.5	19.5	22.7	22.7	23.9	22.0	20.6	19.9	16.0	15.0	16.3	16.4
Total MAC/ACIC	91.0	90.7	95.4	104.9	112.4	100.0	96.4	90.9	89.4	76.9	69.9	86.3	88.2
<u>PACAF</u>													
Military	41.2	40.6	92.3	114.8	123.1	129.8	110.3	88.5	65.1	51.5	48.8	38.6	24.6
Civilian	20.2	24.9	28.9	44.3	43.6	43.9	34.1	25.7	21.0	16.7	16.1	13.5	10.8
Total PACAF	61.4	65.5	121.2	159.2	166.7	173.6	144.4	114.2	86.1	68.2	64.9	52.1	35.4
<u>SAC</u>													
Military	241.8	213.5	176.6	167.5	158.0	141.8	139.6	136.3	142.3	143.4	133.3	128.5	119.7
Civilian	22.2	22.0	20.9	23.4	20.5	20.1	17.5	19.6	19.6	18.9	20.5	19.9	19.2
Total SAC	263.9	235.5	197.5	190.9	178.5	161.9	157.1	155.9	161.9	162.3	153.8	148.4	138.9
<u>TAC</u>													
Military	65.1	74.7	73.0	88.6	104.2	94.9	93.0	94.7	98.4	88.9	81.1	69.9	80.3
Civilian	7.7	8.2	9.9	12.3	11.7	11.3	11.4	13.0	11.8	11.2	11.8	11.0	11.4
Total TAC	72.8	82.9	82.9	100.9	115.9	106.2	104.4	107.7	110.2	100.1	92.9	80.9	91.7

(Continued on next page)

# USAF PERSONNEL

## ASSIGNED STRENGTH BY COMMAND/SOA

### (END OF FISCAL YEAR)

(Continued)

	(IN THOUSANDS)												
COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976
<u>USAF</u>													
Military	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.2	2.3	2.4	2.3	2.2	2.2
Civilian	1.8	1.8	1.8	1.9	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Total USAFA	3.3	3.4	3.5	3.7	4.0	4.1	4.3	4.3	4.3	4.4	4.3	4.2	4.2
<u>USAFE</u>													
Military	59.4	57.3	58.8	57.4	53.6	52.7	46.2	44.3	46.6	47.0	46.4	46.7	45.6
Civilian	21.9	16.9	17.9	15.3	15.3	15.1	12.3	12.7	12.1	12.3	13.3	12.2	11.0
Total USAFE	81.3	74.1	76.6	72.7	68.9	67.8	58.5	57.0	58.7	59.3	59.7	58.9	56.6
<u>USAFSO</u>													
Military	1.7	2.3	2.5	2.7	2.8	2.8	2.5	2.1	1.9	1.6	1.6	1.5	-
Civilian	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	.9	.9	.8	.8	-
Total USAFSSO	2.8	3.3	3.5	3.8	3.9	3.9	3.6	3.1	2.8	2.5	2.4	2.3	-
<u>USAFSS</u>													
Military	25.0	24.2	23.9	24.1	25.5	24.7	23.5	20.8	19.3	18.6	17.8	15.3	15.0
Civilian	3.2	2.3	2.1	2.4	2.5	2.5	2.1	2.0	2.0	2.5	2.5	2.6	2.6
Total USAFSS	28.2	26.5	26.1	26.5	28.0	27.1	25.6	22.8	21.4	21.1	20.3	17.9	17.6
<u>AFMEA</u>													
Military	-	-	-	-	-	-	-	-	-	-	-	-	.1
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	*
Total AFMEA	-	-	-	-	-	-	-	-	-	-	-	-	.2
<u>AFCMS</u>													
Military	-	-	-	-	-	-	-	-	-	-	-	-	*
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	*
Total AFCMS	-	-	-	-	-	-	-	-	-	-	-	-	*
CADETS	2.8	2.9	3.2	3.4	3.7	3.9	4.1	4.4	4.4	4.4	4.4	4.4	4.4
MIL PIPELINE	58.3	58.6	103.4	72.7	68.3	81.4	55.0	67.6	46.5	53.4	38.8	34.9	30.9
ANG CIV	-	-	-	-	-	16.7	18.0	18.1	19.7	21.3	23.0	23.6	23.5

\* Less than 50.

<sup>1</sup> Military data excludes non-chargeables.

<sup>2</sup> Commencing 1970, civilian data excludes non-ceiling programs.

Source: AF/DPP and AF/DPC Strength Reports.

# MAJOR INSTALLATIONS

## AUTHORIZED STRENGTH<sup>1</sup>(FY 2/77)

### BY STATE

<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>
<u>Alabama</u>				<u>Hawaii</u>			
Craig AFB	1,378	527	1,905	Hickam AFB	5,000	2,373	7,373
Gunter AFS	1,348	922	2,270	Wheeler AFB	367	242	609
Maxwell AFB	2,275	1,662	3,937				
<u>Alaska</u>				<u>Idaho</u>			
Eielson AFB	2,404	390	2,794	Mtn Home AFB	3,841	503	4,344
Elmendorf AFB	6,079	1,275	7,354				
Shemya AFB	532	24	556	<u>Illinois</u>			
<u>Arizona</u>				Chanute AFB	3,002	1,681	4,683
Davis-Monthan AFB	5,855	1,751	7,606	Chicago/O'Hare IAP	13	382	395
Luke AFB	4,749	921	5,670	Scott AFB	4,866	2,474	7,340
Williams AFB	2,169	724	2,893				
<u>Arkansas</u>				<u>Indiana</u>			
Blytheville AFB	2,552	411	2,963	Grissom AFB	2,519	678	3,197
Little Rock AFB	6,258	1,639	6,897				
<u>California</u>				<u>Kansas</u>			
Beale AFB	4,206	616	4,822	McConnell AFB	3,696	576	4,272
Castle AFB	5,333	526	5,859				
Edwards AFB	3,472	2,069	5,541	<u>Louisiana</u>			
George AFB	4,657	489	5,146	Barksdale AFB	5,762	1,060	6,822
Los Angeles AFS	1,391	1,044	2,435	England AFB	2,882	483	3,365
March AFB	4,219	1,010	5,229	New Orleans NAS	70	222	292
Mather AFB	3,801	1,383	5,184				
McClellan AFB	2,892	13,038	15,930	<u>Maine</u>			
Norton AFB	5,405	2,889	8,294	Loring AFB	3,401	620	4,021
Travis AFB	8,870	2,600	11,470				
Vandenberg AFB	4,528	1,602	6,130	<u>Maryland</u>			
<u>Colorado</u>				Andrews AFB	6,336	2,694	9,030
Lowry AFB	3,712	4,356	8,068				
Peterson AFB	1,845	954	2,799	<u>Massachusetts</u>			
USAF Academy	2,338	2,037	4,365	L.G. Hanscom AFB	1,894	2,874	4,768
<u>Delaware</u>				Westover AFB	110	822	932
Dover AFB	5,003	1,487	6,490				
District of Columbia				<u>Michigan</u>			
Bolling AFB	1,564	791	2,355	K.I. Sawyer AFB	3,511	485	3,996
<u>Florida</u>				Kincheloe AFB	2,717	393	3,110
Eglin AFB	7,653	3,360	11,013	Selfridge AFB	175	408	583
Eglin O9 AAF	3,026	375	3,401	Wurtsmith AFB	2,742	454	3,196
Homestead AFB	4,517	890	5,407				
MacDill AFB	4,392	551	4,943	<u>Minnesota</u>			
Patrick AFB	2,980	1,856	4,836	Duluth IAP	1,174	407	1,581
Tyndall AFB	3,570	981	4,551	Minn/St. Paul IAP	32	341	373
<u>Georgia</u>							
Dobbins AFB	117	647	764	<u>Mississippi</u>			
Moody AFB	2,679	517	3,196	Columbus AFB	1,859	538	2,397
Robins AFB	3,766	14,129	17,895	Keesler AFB	5,726	3,197	8,923
				<u>Missouri</u>			
				Richards-Gebaur AFB	2,359	1,793	4,152
				Whiteman AFB	3,025	463	3,488
				<u>Montana</u>			
				Malmstrom AFB	4,808	680	5,488
				<u>Nebraska</u>			
				Offutt AFB	11,430	1,877	13,307

<sup>1</sup> Does not include students.

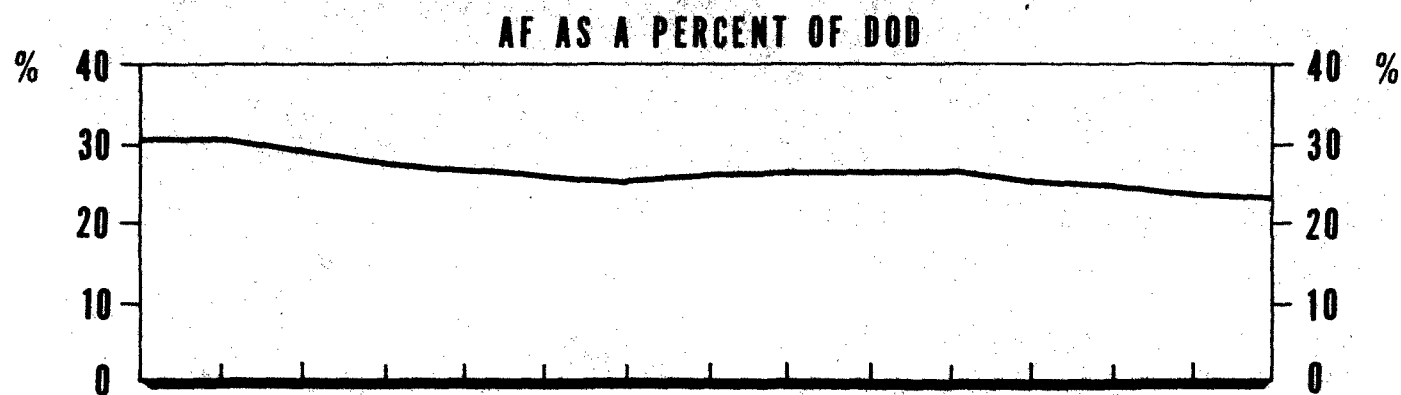
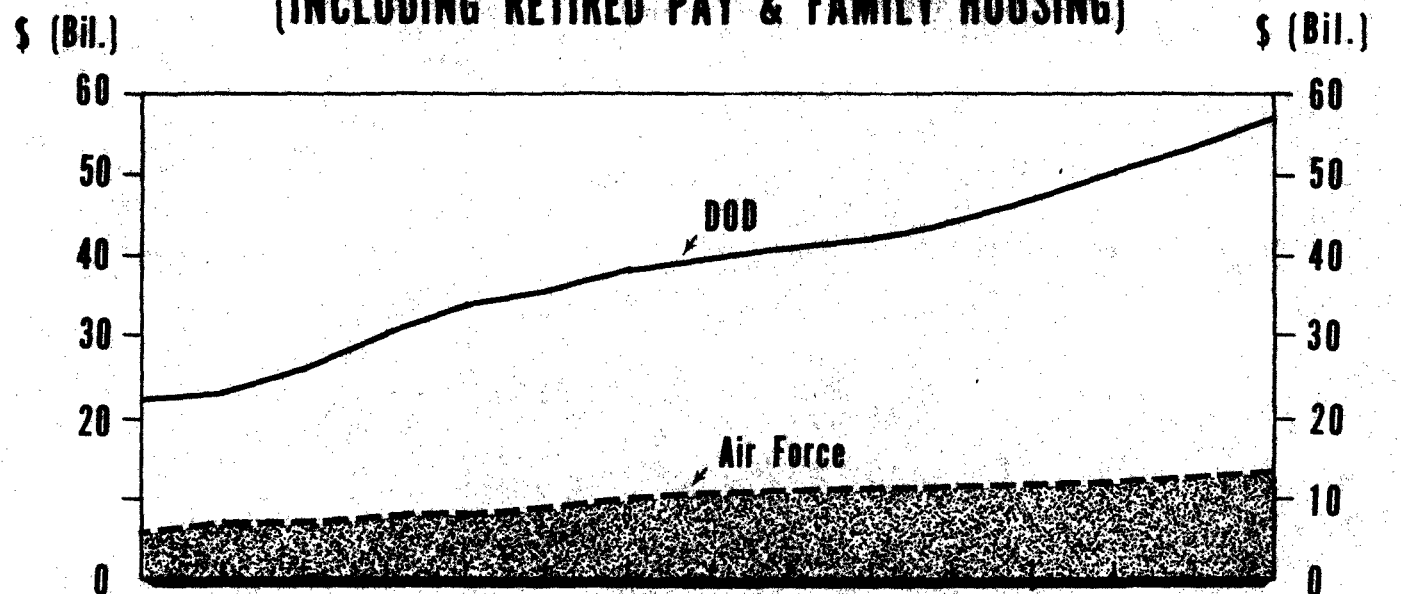
# **MAJOR INSTALLATIONS AUTHORIZED STRENGTH (FY 2/77) BY STATE (Continued)**

<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>
<u>Nevada</u>				<u>South Carolina</u>			
Nellis AFB	7,484	1,110	8,594	Charleston AFB	4,162	1,371	5,533
<u>New Hampshire</u>				Myrtle Beach AFB	2,923	486	3,409
Pease AFB	3,303	551	3,854	Shaw AFB	5,641	624	6,265
<u>New Jersey</u>				<u>South Dakota</u>			
McGuire AFB	4,953	1,677	6,630	Ellsworth AFB	5,504	713	6,217
<u>New Mexico</u>				<u>Tennessee</u>			
Cannon AFB	3,907	408	4,315	Arnold Eng Dev Cn ADM	96	147	243
Holloman AFB	5,881	1,068	6,949	<u>Texas</u>			
Kirtland AFB	3,492	2,609	6,101	Bergstrom AFB	4,598	858	5,456
<u>New York</u>				Brooks AFB	1,211	898	2,109
Griffiss AFB	3,728	3,268	6,996	Carswell AFB	4,446	991	5,437
Hancock Fld	988	288	1,276	Dyess AFB	4,775	501	5,276
Niagara Falls IAP	22	345	367	Goodfellow AFB	1,246	341	1,587
Pittsburgh AFB	3,792	481	4,273	Kelly AFB	3,891	17,152	21,043
<u>North Carolina</u>				Lackland AFB	19,865	2,283	22,148
Pope AFB	3,428	346	3,774	Laughlin AFB	1,791	593	2,384
Seymour-Johnson AFB	4,870	602	5,472	Randolph AFB	4,781	2,683	7,464
<u>North Dakota</u>				Reese AFB	1,633	654	2,287
Grand Forks AFB	5,019	671	5,690	Sheppard AFB	9,045	2,080	11,125
Minot AFB	5,380	662	6,042	Webb AFB	1,593	608	2,201
<u>Ohio</u>				<u>Utah</u>			
Rickenbacker AFB	1,908	853	2,761	Hill AFB	4,061	13,584	17,645
Wright-Patterson AFB	6,690	15,576	22,266	<u>Virginia</u>			
Youngstown MPT	2	290	292	Ft Lee AFS	512	70	582
<u>Oklahoma</u>				Langley AFB	8,442	1,604	10,046
Altus AFB	3,887	655	4,542	<u>Washington</u>			
Tinker AFB	2,986	16,428	19,414	Fairchild AFB	3,840	730	4,570
Vance AFB	711	132	843	Mc Chord AFB	5,104	1,462	6,566
<u>Pennsylvania</u>				<u>Wisconsin</u>			
Gtr Pittsburgh IAP	74	333	407	Gen Billy Mitchell Fld	10	277	287
Willow Grove RTC	4	252	256	<u>Wyoming</u>			
				F.E. Warren AFB	3,643	535	4,178

<sup>1</sup> Does not include students.

Source: PM 78-4

# DOD & AF COST OF PERSONNEL (INCLUDING RETIRED PAY & FAMILY HOUSING)

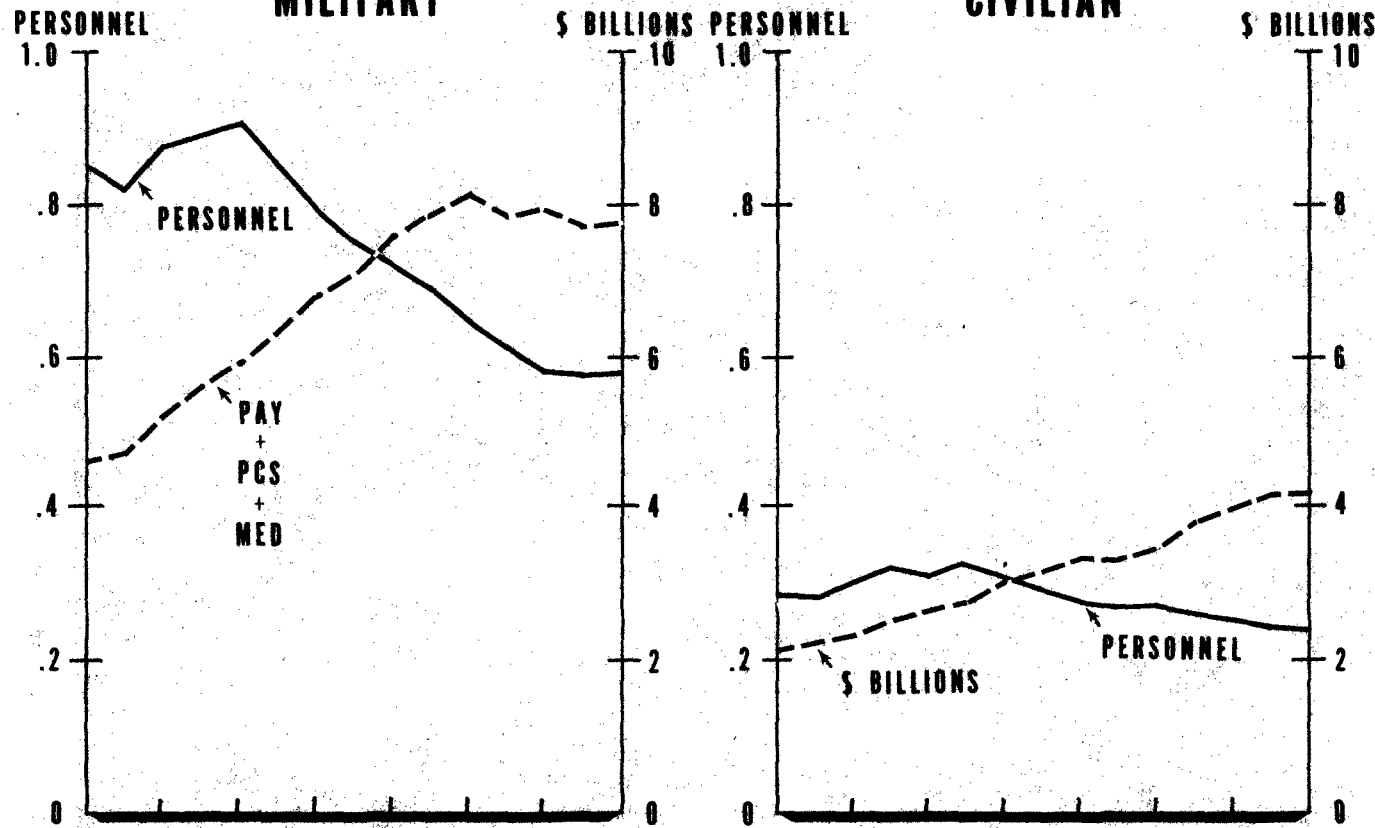


FISCAL YEAR	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
COST: DOD	22.4	23.4	26.3	30.2	33.3	35.7	38.7	39.3	41.1	42.7	44.6	47.7	50.5	53.2	56.8
AF	6.9	7.2	7.7	8.3	8.8	9.3	10.0	10.3	11.0	11.3	11.7	12.1	12.4	12.6	13.3

# AF PERSONNEL COSTS

MILITARY

CIVILIAN



FY 1964	66	68	70	72	74	76	78	FY 1964	66	68	70	72	74	76	78
MILITARY:								FY 1964							
Personnel								70							
(No. Million)								71							
Pay & Allow., PCS,								72							
Med (\$ Billions)								73							
CIVILIAN (Direct Hire):								74							
Personnel								75							
(No. Million)								76							
Pay								77							
(\$ Billions)								78							

Source:  
FYDP

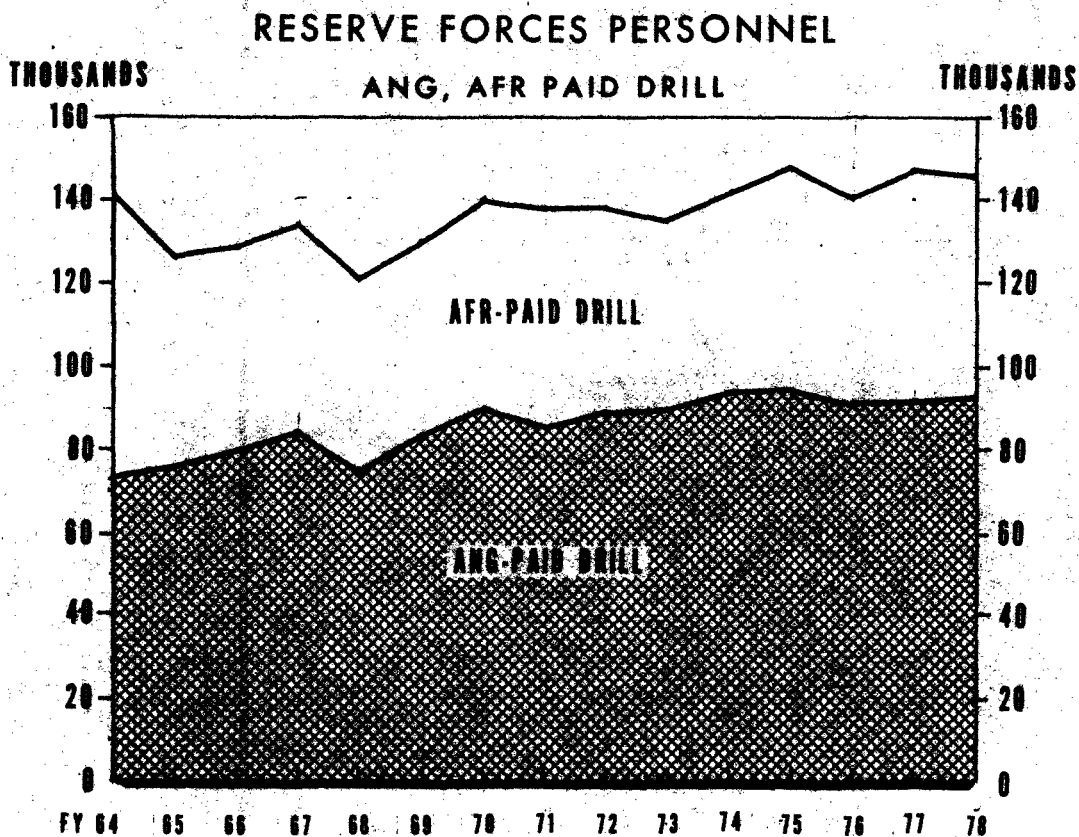


## RESERVE AND ANG FORCES (THOUSANDS)

	<u>FY 1964</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u> <sup>1</sup>	<u>1978</u> <sup>1</sup>
Air Reserve Forces												
ANG Paid	73	75	83	90	86	89	90	94	95	91	92	93
AFR Paid*	67	46	47	52	52	49	45	48	52	49	55	53
AFR Non-Paid	97	145	179	208	193	155	135	119	85	82	72	72
Total Ready Reserve	237	266	309	350	331	293	270	261	232	222	219	218
Standby	130	101	89	88	107	64	46	46	44	44	44	41
Total ANG & Reserve	367	367	398	438	439	357	316	307	276	266	263	259

\* Includes Selected Reserve plus Category D (Active Duty Training Only) Participants.

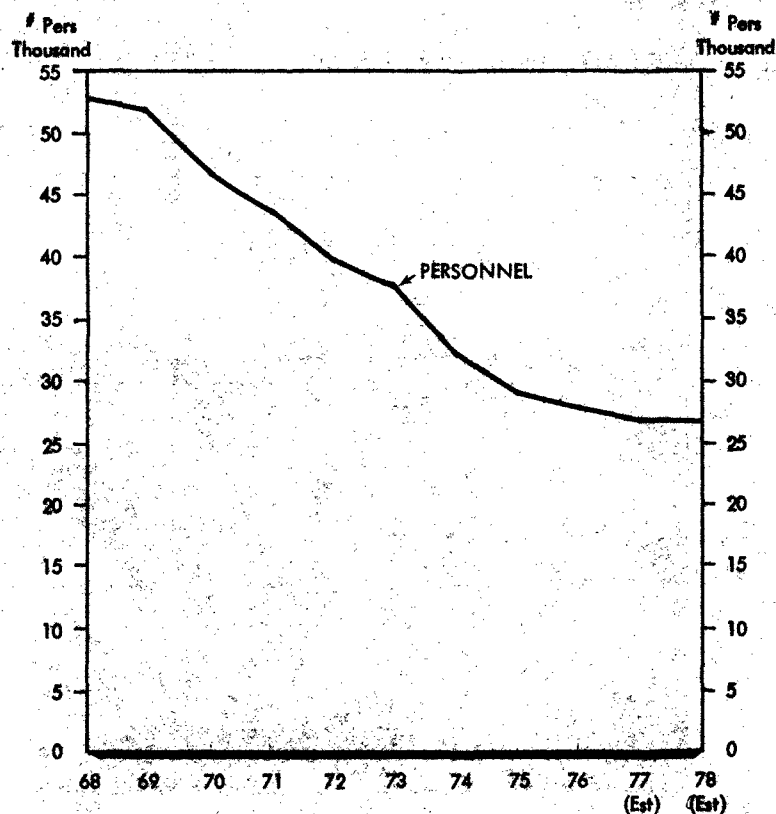
<sup>1</sup> Projected Program.



## TOTAL AIR FORCE VS AIR FORCE MANAGEMENT HQ STRENGTHS, 68-FY 78

<u>YEAR</u>	<u>AF MGT HQ</u>	<u>CUMULATIVE % CHANGE</u>	<u>TOTAL AF</u>	<u>CUMULATIVE % CHANGE</u>
1968	53,566	0	1,260,313	0
1969	52,004	2.9	1,211,325	3.9
1970	47,405	11.5	1,118,744	11.2
1971	44,462	17.0	1,067,678	15.3
1972	40,320	24.7	1,025,187	18.7
1973	37,920	29.2	978,539	22.4
1974	32,624	39.1	933,207	26.0
1975	29,686	44.6	890,529	29.3
1976	27,920	47.9	846,901	32.8
1977 (Est)	26,477 <sup>1</sup>	50.6	828,233	34.3
1978 (Est)	26,477 <sup>1</sup>	50.6	828,194	34.3

### AF MANAGEMENT HEADQUARTERS STRENGTH\*



\* As defined in AFR 26-8.

Source: Amended FY 78 President's Budget for FY 77/78.  
FY 76 and prior year manpower totals are actual  
on-board end year strengths.

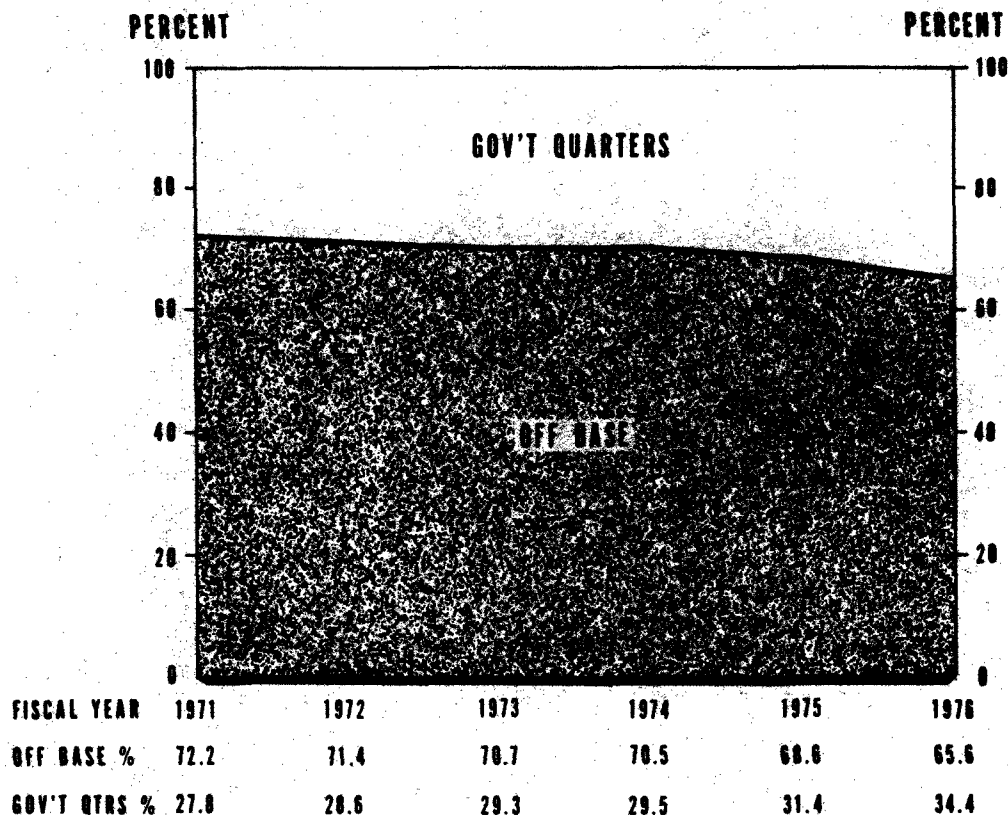
## FAMILY HOUSING TRENDS (End Fiscal Year)

	1971	1972	1973	1974	1975	1976
<b>TOTAL PERSONNEL (Thousands)</b>	750.7	721.2	686.6	639.4	608.2	580.8
<b>OFFICERS</b>	125.7	121.5	114.8	110.3	105.0	99.6
<b>AIRMEN</b>	625.0	599.7	571.8	529.1	503.2	481.2
<b>OFFICERS (With Dependents)</b>						
Living in Government Quarters	36,094	36,107	33,483	30,028	30,414	30,980
Living Off-Base with BAQ	68,030	65,128	64,267	62,670	58,265	50,492
<b>ENLISTED (With Dependents)</b>						
Living in Government Quarters	103,829	105,386	105,630	104,113	103,702	105,782
Living Off-Base with BAQ	295,440	287,212	270,615	257,663	235,272	209,725
<b>TOTALS</b>						
Living in Government Quarters	139,923	141,493	139,113	134,141	134,116	136,762
Living Off-Base with BAQ	363,470	352,340	334,882	320,333	293,537	260,217
<b>TOTAL ACTIVE GOVERNMENT UNITS</b>						
Beginning Year	142,733	143,772	145,371	140,988	137,421	**139,102
Gains	-	4,427	2,763	2,633	3,555	5,981
Losses	-	2,828	7,146	6,200	5,852	1,176
<b>END YEAR</b>	143,772	145,371	140,988	137,421	*135,124	143,907
<b>TOTAL UNITS VACANT END-YEAR</b>	1,754	2,716	1,675	1,443	1,400	1,400

\* Government Leased Quarters not included.

\*\* Government Leased Quarters are included.

## HOUSING OF MEMBERS WITH DEPENDENTS



# ATED OFFICER INVENTORY

CATEGORY	PILOTS		NAVIGATORS	
	30 Sep 75	30 Sep 76	30 Sep 75	30 Sep 76
Force	9,506	9,008	6,118	5,790
Training	4,571	4,196	1,736	1,473
Supervision	6,734	6,277	2,768	2,742
Surge & Drawdown	2,729	2,729	1,112	1,112
Transients	725	606	426	331
Educational Development	425	425	196	196
Total Requirement	24,690	23,241	12,356	11,644
Total Inventory	29,379	28,017	13,287	12,747

	Rated Inventory <sup>1</sup>		# Receiving Incentive Pay		Rated Requirements		# Actually Flying	
	Sep 75	Sep 76	Sep 75	Sep 76	Sep 75	Sep 76	Sep 75	Sep 76
Pilots:								
Colonel & General	-	-	2,053	2,081	-	-	663	636
Lt Colonel & Below	29,014	27,567	29,014	27,567	24,690	23,241	22,291	18,919
Navigators:								
Colonel & General	-	-	416	435	-	-	4	4
Lt Colonel & Below	13,103	12,607	13,103	12,485	12,356	11,644	9,503	7,961
Receiving "Save Pay": <sup>2</sup>								
Pilots								
Colonel & General	-	-	775	841	-	-	-	-
Lt Colonel & Below	365	450	365	450	-	-	-	-
Navigators								
Colonel & General	-	-	109	140	-	-	-	-
Lt Colonel & Below	184	245	184	262	-	-	-	-
TOTALS	42,666	40,869	46,019	44,261	37,046	34,885	32,461	27,520

<sup>1</sup> Colonels & Generals not included in Rated Inventory or Rated Requirements.

<sup>2</sup> "Save Pay" Provision IAW ACIP Act of 1974.

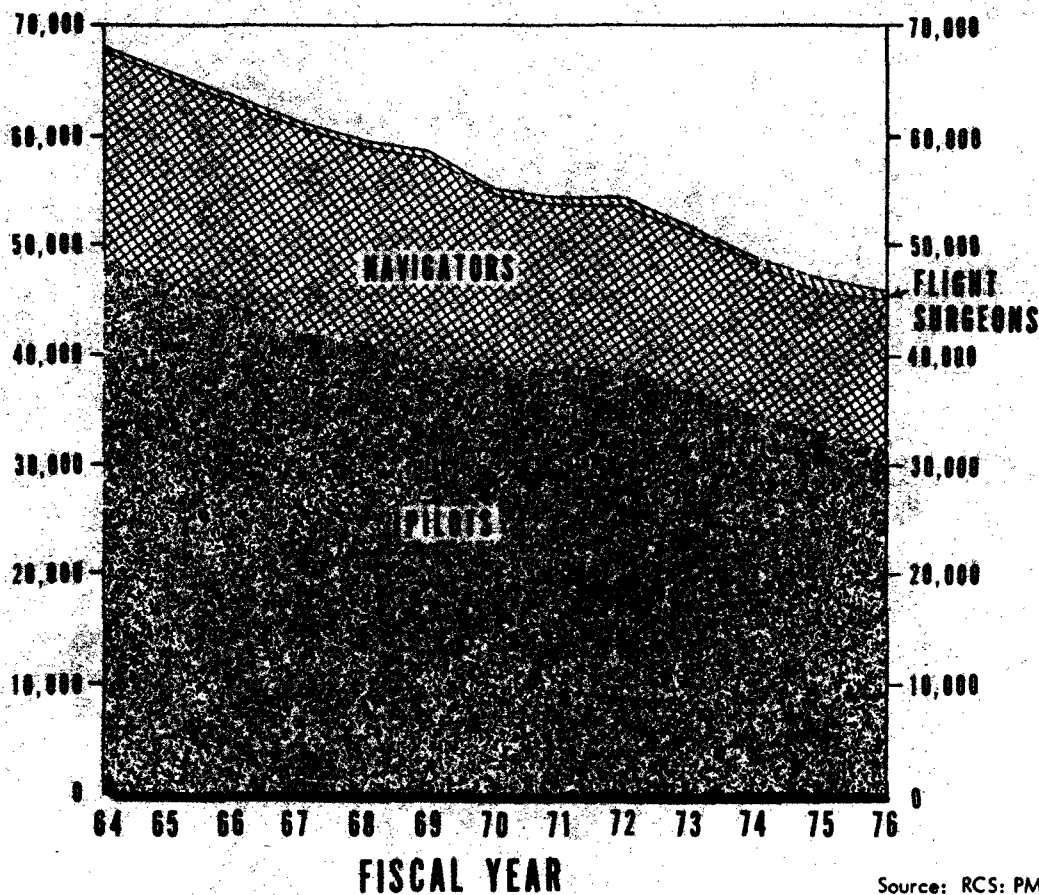
Source: AF/DPPP

# RATED OFFICERS ON FLYING STATUS (1964 - 1976) AS OF 30 JUNE

FY	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
Pilots	48,682	46,816	44,746	42,979	42,206	41,436	39,052	38,893	39,035	36,865	34,634	32,719	31,284
Navigators	18,999	18,697	18,382	17,691	16,988	16,426	15,304	14,885	14,692	14,315	13,780	13,860	13,396
Flight Surgeons	510	513	499	538	568	756	768	753	666	574	522	624	554
TOTAL	68,191	66,026	63,627	61,208	59,762	58,618	55,124	54,531	54,393	51,754	48,936	47,203	45,234

Source: RCS: PMC P738

## RATED OFFICERS ON FLYING STATUS



Source: RCS: PMC, P 738

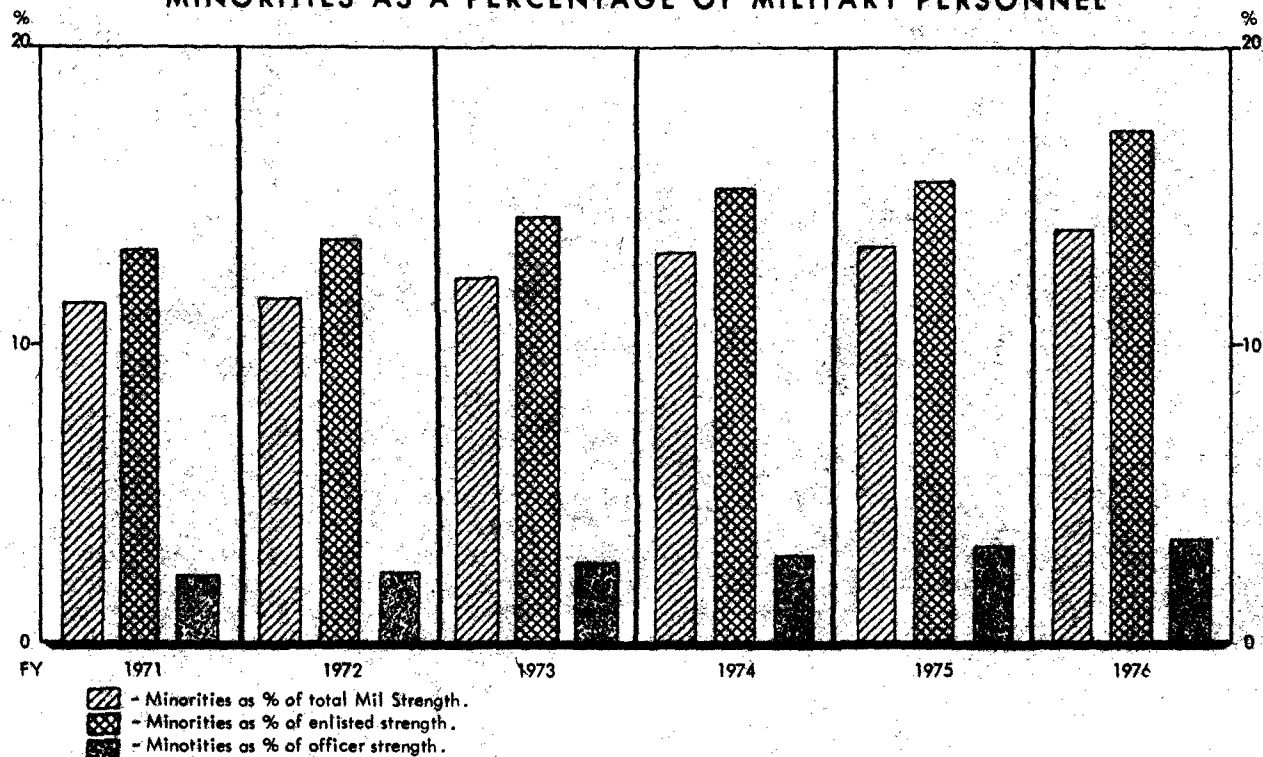
# MILITARY PERSONNEL MINORITIES BY GRADE

(End of Fiscal Year)

FY	1971		1972		1973		1974		1975		1976	
	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other
Officers - Total	2,137	690	2,124	673	2,248	682	2,468	678	2,670	718	2,757	748
General	1	-	1	-	2	-	3	-	5	1	5	1
Colonel	34	7	39	9	56	18	75	22	76	26	82	27
Lt Colonel	217	75	214	75	205	75	197	78	178	66	178	78
Major	399	130	390	132	367	138	388	119	366	155	394	183
Captain	1,041	358	1,023	336	983	305	913	282	911	283	914	284
1st Lieutenant	181	65	251	74	302	74	267	59	461	86	628	108
2nd Lieutenant	258	70	203	46	332	71	624	117	672	101	556	103
Warrant Officer	6	1	3	1	1	1	1	1	1	0	0	0
Enlisted - Total	77,856	4,824	76,001	4,789	76,616	4,971	75,226	5,168	72,530	5,481	70,772	6,532
CMSgt (E-9)	207	29	225	28	225	26	256	22	283	23	325	26
SMSgt (E-8)	601	55	643	47	663	59	701	60	768	51	803	45
MSgt (E-7)	3,167	246	3,252	226	3,377	208	3,477	202	3,622	225	3,653	239
TSgt (E-6)	8,884	498	8,900	475	9,164	460	9,077	456	8,178	426	8,121	434
SSgt (E-5)	20,544	1,029	20,159	1,001	17,856	930	16,410	889	14,677	902	13,977	915
Sgt (E-4)	17,044	1,277	18,949	1,418	20,532	1,464	20,319	1,509	20,320	1,643	21,093	1,810
Amn 1st (E-3)	14,201	948	16,355	1,113	12,085	905	13,502	1,158	15,475	1,445	15,429	1,485
Amn (E-2)	10,404	580	5,858	377	8,226	602	6,803	506	6,428	514	5,218	950
Amn Basic (E-1)	2,804	162	1,660	104	4,488	317	4,681	366	2,779	252	2,153	628
Total	79,993	5,514	78,125	5,462	78,864	5,653	77,694	5,846	75,200	6,199	73,529	7,280
% of Total Force	10.6	.7	10.8	.8	11.4	.8	12.1	.9	12.9	1.0	12.7	1.3
Officers (% of Total Off)	1.7	.5	1.7	.6	2.0	.6	2.2	.6	2.7	.7	2.8	.8
Enlisted (% of Total Enl)	12.5	.8	12.7	.8	13.4	.9	14.2	1.0	14.7	1.1	14.7	1.4

Source: AF/DPXHSE

## MINORITIES AS A PERCENTAGE OF MILITARY PERSONNEL

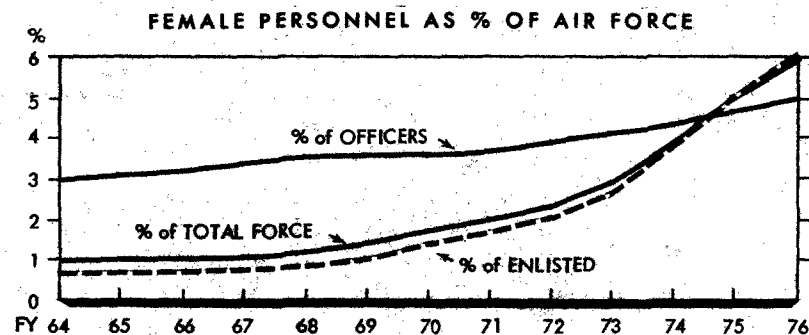


## MILITARY PERSONNEL

## FEMALE PERSONNEL, BY GRADE

(As of End Fiscal Year)

	FY 1964	1965	1966	1967 <sup>1</sup>	1968 <sup>1</sup>	1969 <sup>1</sup>	1970	1971	1972	1973	1974	1975	1976
Female Officers - Total	4,031	4,100	4,189	4,670	4,991	4,858	4,667	4,718	4,766	4,727	4,767	4,981	4,965
Generals	-	-	-	-	-	-	-	-	1	2	1	1	2
Colonels	7	7	7	10	16	21	26	25	53	67	73	60	54
Lt Colonels	139	129	167	171	235	282	329	335	296	258	268	291	278
Majors	441	535	601	796	779	747	807	860	798	798	752	694	634
Captains	1,534	1,435	1,371	1,512	1,700	1,973	1,811	1,864	1,856	1,774	1,579	1,604	1,774
1st Lieutenants	1,334	1,408	1,436	1,385	1,370	1,012	1,019	953	1,052	1,251	1,137	1,242	1,311
2nd Lieutenants	574	585	607	796	891	823	675	681	710	577	957	1,089	912
Warrant Officers	2	1	-	-	-	-	-	-	-	-	-	-	-
Enlisted Females - Total	4,845	4,741	5,050	5,188	6,123	7,407	8,987	10,132	11,725	15,023	19,465	25,232	29,235
CMSgt(E-9)	9	7	7	5	6	6	6	7	11	9	12	14	12
SMSgt(E-8)	27	19	17	17	27	31	31	32	28	31	33	32	30
MSgt(E-7)	151	112	119	121	127	152	149	135	136	108	98	82	79
TSgt(E-6)	243	208	219	241	248	266	257	234	207	190	171	176	183
SSgt(E-5)	489	458	476	473	496	601	609	806	919	1,001	1,216	1,256	1,389
Sgt(E-4)	664	565	781	1,209	1,170	1,227	1,912	2,233	3,607	4,304	4,879	5,524	8,422
Amn 1st(E-3)	1,171	1,256	1,804	1,143	2,294	2,809	3,329	4,033	4,116	3,961	6,758	10,155	11,278
Amn 2nd(E-2)	1,810	1,879	1,335	1,776	1,362	1,774	2,080	2,039	2,054	2,877	3,932	4,944	5,367
Amn Basic(E-1)	281	237	292	203	393	541	614	613	647	2,542	2,371	3,049	2,475
Air Force Academy Cadets	-	-	-	-	-	-	-	-	-	-	-	-	157
Total Females	8,876	8,841	9,239	9,858	11,114	12,265	13,654	14,850	16,491	19,750	24,232	30,213	34,357
% of total force	1.0	1.0	1.0	1.0	1.2	1.4	1.7	2.0	2.3	2.9	3.8	4.9	5.9
Officers(% of total officers)	3.0	3.1	3.2	3.4	3.6	3.6	3.6	3.7	3.9	4.1	4.3	4.7	5.0
Enlisted(% of total enlisted)	.7	.7	.7	.7	.8	1.0	1.4	1.6	2.0	2.6	3.7	5.0	6.1

<sup>1</sup> Includes mobilized personnelSource: USAF Statistical Digest  
AF/DP

# MILITARY PERSONNEL

## AIRMEN ENLISTMENTS AND REENLISTMENTS

(Thousands)

	FY 1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
<b>TOTAL</b>	173.6	191.6	252.6	186.1	167.4	205.3	148.1	173.7	175.7	165.4	143.8	146.1	141.4
Male	171.3	189.1	250.1	183.7	164.0	200.8	143.1	168.7	170.1	157.8	134.1	134.7	130.9
Female	2.3	2.5	2.5	2.4	3.4	4.5	4.9	5.0	5.6	7.5	9.8	11.4	10.5
<b>Non Prior Service</b>	89.2	88.8	161.6	111.4	90.5	116.8	72.9	96.2	86.0	93.9	73.5	75.6	73.0
Male	87.2	81.8	159.6	109.4	87.6	113.0	68.5	91.9	81.5	87.7	65.5	65.5	64.1
Female	2.0	2.0	2.0	2.0	2.9	3.8	4.4	4.3	4.5	6.2	8.0	10.0	8.9
<b>OTS or Av Cadet</b>	4.2	2.9	2.3	7.1	5.3	5.0	4.5	3.9	3.0	2.7	1.6	.5	.2
Male	4.1	2.8	2.2	6.9	5.0	4.7	4.3	3.6	2.8	2.4	1.3	.4	.2
Female	.1	.1	.1	.2	.3	.3	.2	.3	.2	.3	.3	.1	*
<b>Prior Service</b>	3.5	2.2	5.9	5.1	4.5	1.0	.9	5.8	8.4	7.1	2.7	2.5	1.5
Male	3.5	2.2	5.9	5.1	4.5	1.0	.9	5.8	8.3	6.9	2.6	2.4	1.5
Female	*	*	*	*	*	*	*	*	.1	.2	.1	.1	*
<b>Immediate Reenlistment</b>	76.6	102.7	82.7	62.4	67.1	82.4	69.8	67.8	78.3	61.7	66.0	67.5	66.7
Male	76.4	102.3	82.4	62.2	66.9	82.1	69.4	67.4	77.6	60.8	64.7	66.3	65.1
Female	.2	.4	.3	.2	.2	.3	.3	.4	.7	.9	1.3	1.2	1.6
<b>First Term Reenlistment Rate</b>													
Rate (%)		25.5	18.9	16.8	18.1	15.2	15.8	20.3	32.6	20.4	31.1	40.1	37.3

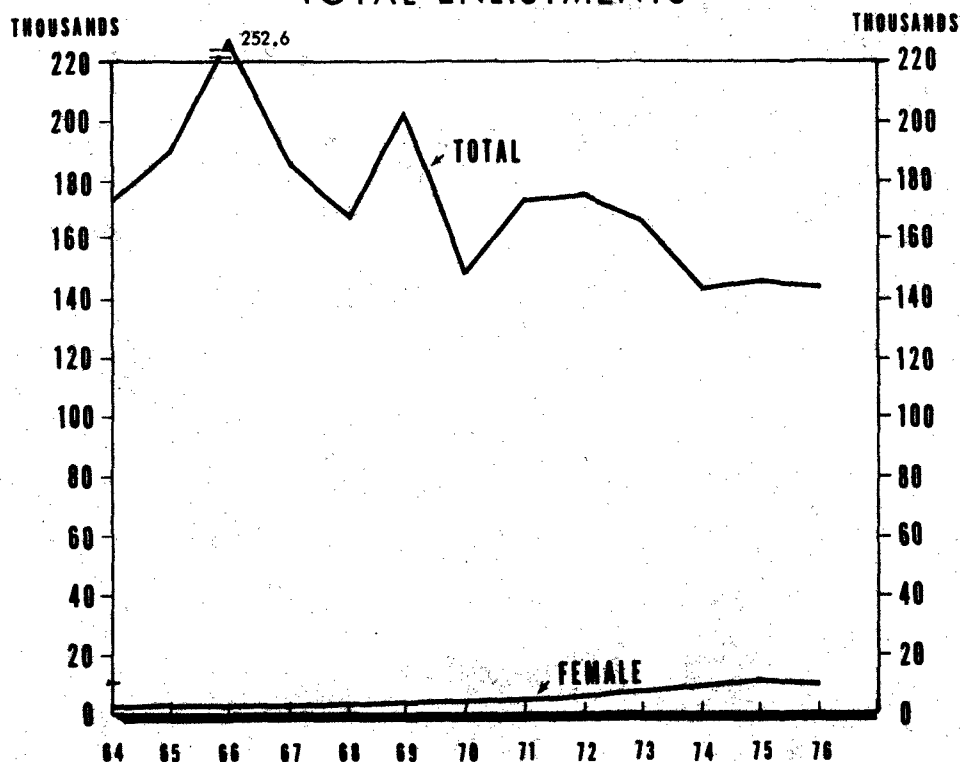
\* Less than 50.

NOTE: Numbers may not add due to rounding.

Sources: USAF Statistical Digest

PMC - P264

## TOTAL ENLISTMENTS





AF/ACMI/79406

# MILITARY PAY AND ALLOWANCES AIR FORCE — DOD AVERAGE

FY 1977

Grade	AF Basic Pay	DOD Average Basic Pay	AF Basic Allowance for Quarters	DOD Average Basic Allowance for Quarters	Air Force Miscellaneous Expense	DOD Average Misc Expense	Air Force Incentive and Special Pay	DOD Average Incentive and Special Pay	AF Annual Composite Standard Rate	DOD Average Annual Composite Standard Rate
O-10	\$39,600	\$39,600	\$ -	\$ 563	\$9,210	\$6,870	\$1,226	\$ 633	\$50,036	\$47,085
O-9	39,600	39,600	643	1,039	5,700	3,826	1,340	749	47,283	44,954
O-8	39,492	39,403	1,308	1,387	4,178	3,403	1,619	1,066	46,597	45,259
O-7	34,340	34,340	1,277	1,723	3,322	2,603	1,628	1,048	40,567	39,715
O-6	28,821	28,744	2,260	2,495	3,031	2,721	2,050	1,637	36,162	35,598
O-5	23,563	23,437	2,540	2,567	2,493	2,311	1,925	1,545	30,521	29,861
O-4	19,167	19,099	2,309	2,237	2,124	2,102	1,642	1,529	25,242	24,966
O-3	15,867	15,828	1,955	1,988	2,371	2,364	1,468	1,310	21,481	21,491
O-2	12,211	12,406	1,340	1,464	1,969	2,162	965	682	16,485	16,714
O-1	8,777	8,991	888	938	1,777	1,646	506	400	11,948	11,975
W-4	19,037	18,172	1,600	2,043	6,248	3,319	150	190	27,035	23,725
E-9	15,458	15,229	1,526	1,799	2,502	2,567	120	125	19,606	19,722
E-8	12,940	12,587	1,353	1,622	2,284	2,304	139	161	16,716	16,675
E-7	10,974	10,629	1,235	1,448	2,169	2,106	131	157	14,509	14,340
E-6	9,233	8,737	1,147	1,288	2,019	1,982	110	144	12,509	12,151
E-5	7,490	7,030	1,112	1,086	1,969	1,934	75	130	10,646	10,181
E-4	6,291	5,993	923	739	2,081	1,847	47	105	9,342	8,684
E-3	5,365	5,343	628	471	1,542	1,564	28	54	7,563	7,439
E-2	5,008	5,007	457	332	1,512	1,711	19	66	6,996	7,117
E-1	4,493	4,492	298	223	1,508	1,491	14	52	6,313	6,257
Cadets	4,140	4,146	-	-	1,308	1,310	-	-	5,448	5,456

Source: DOD 7220.9H

## COMPOSITE ANNUAL PAY RATES

	FY 1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
OFFICERS	\$10,251	\$10,706	\$11,267	\$11,732	\$12,010	\$12,841	\$14,560	\$15,232	\$16,531	\$17,922	\$18,991	\$20,218	\$21,457	\$22,672
ENLISTED	3,753	3,980	4,323	4,554	4,753	5,220	5,907	6,546	7,320	8,065	8,634	9,119	9,442	9,822
CIVILIANS	7,267	*	*	*	8,531	9,528	10,659	11,439	12,388	12,977	13,910	15,315	15,636	17,027

FY 64 - 77 Increase    Officers    +121%  
                              Enlisted    +162%  
                              Civilians    +134%

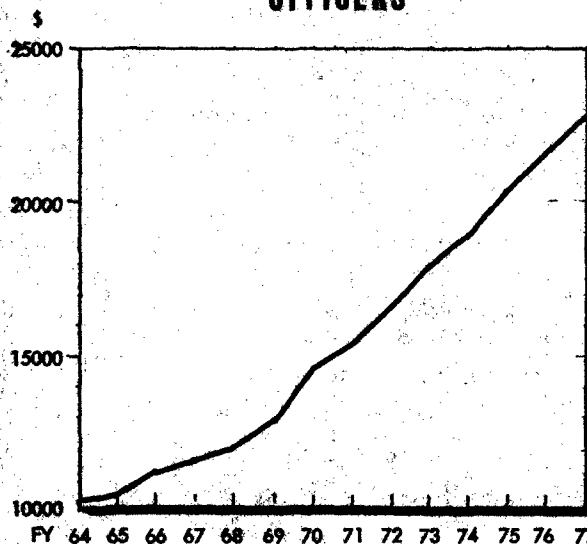
NOTE: Includes the following pay factors:

Military: Base pay; incentive, special and foreign duty pay; BAQ and subsistence; overseas station allowance; initial clothing allowance; family separation allowance; employers FICA contribution; etc.

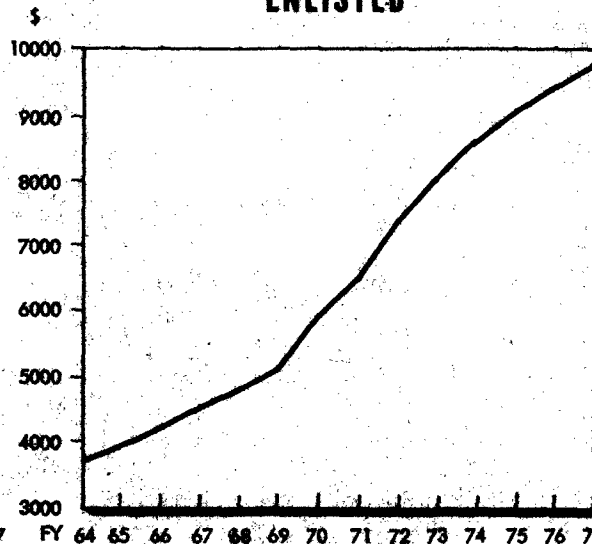
Civilian: Base pay; overtime pay; holiday pay; night differentials, COLA; government cost for employee benefits; FICA as applicable; employer retirement contribution; etc.

\* Not available.

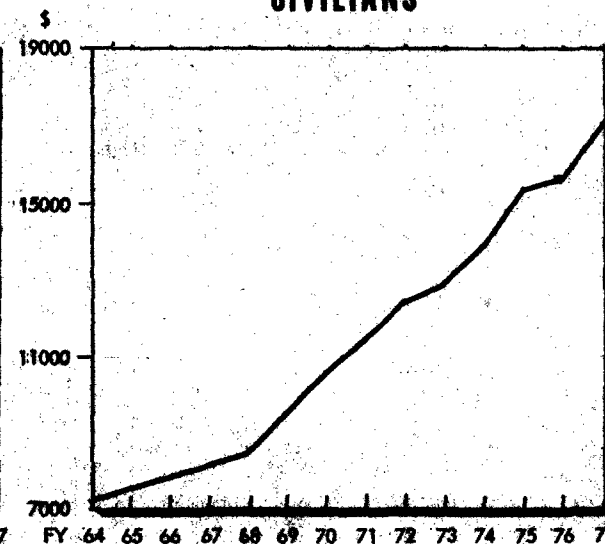
## OFFICERS



## ENLISTED



## CIVILIANS



Source: AE/ACM

# PAY AND ALLOWANCES OF THE UNIFORMED SERVICES

## MONTHLY BASIC PAY<sup>1</sup> AS OF 1 OCTOBER 1976

## YEARS OF SERVICE

Pay Grade	2 or Less	Over 2	Over 3	Over 4	Over 6	Over 8	Over 10	Over 12	Over 14	Over 16	Over 18	Over 20	Over 22	Over 26	Over 30
O-10 <sup>2</sup>	\$2,943.90	\$3,047.40	\$3,047.40	\$3,047.40	\$3,047.40	\$3,164.10	\$3,164.10	\$3,406.80	\$3,406.80	\$3,650.40	\$3,650.40	\$3,894.60	\$3,894.60	\$4,137.30*	\$4,137.30*
O-9	2,609.10	2,677.80	2,734.50	2,734.50	2,734.50	2,804.10	2,804.10	2,920.20	2,920.20	3,164.10	3,164.10	3,406.80	3,406.80	3,650.40	3,650.40
O-8	2,363.10	2,433.90	2,491.80	2,491.80	2,491.80	2,677.80	2,677.80	2,804.10	2,804.10	2,920.20	3,047.40	3,164.10	3,291.00	3,291.00	3,291.00
O-7	1,963.50	2,097.30	2,097.30	2,097.30	2,097.30	2,190.90	2,190.90	2,318.40	2,318.40	2,433.90	2,677.80	2,861.70	2,861.70	2,861.70	2,861.70
O-6	1,455.30	1,599.30	1,703.40	1,703.40	1,703.40	1,703.40	1,703.40	1,703.40	1,761.30	2,040.30	2,144.70	2,190.90	2,318.40	2,514.00	2,514.00
O-5	1,164.00	1,367.10	1,461.30	1,461.30	1,461.30	1,461.30	1,506.00	1,586.40	1,692.30	1,819.50	1,923.90	1,981.80	2,051.40	2,051.40	2,051.40
O-4	981.30	1,194.30	1,274.70	1,274.70	1,297.80	1,355.70	1,447.80	1,529.40	1,599.30	1,668.90	1,715.40	1,715.40	1,715.40	1,715.40	1,715.40
O-3	912.00	1,019.40	1,089.60	1,205.70	1,263.30	1,308.90	1,379.10	1,447.80	1,483.20	1,483.20	1,483.20	1,483.20	1,483.20	1,483.20	1,483.20
O-2	795.00	868.50	1,043.10	1,078.20	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70	1,100.70
O-1	690.00	718.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50	868.50
W-4	\$ 928.80	\$ 996.60	\$ 996.60	\$1,019.40	\$1,065.90	\$1,112.70	\$1,159.20	\$1,240.50	\$1,297.80	\$1,343.70	\$1,379.10	\$1,424.70	\$1,472.10	\$1,586.40	\$1,586.40
W-3	844.50	916.20	916.20	927.30	938.40	1,007.10	1,065.90	1,100.70	1,135.50	1,169.40	1,205.70	1,252.20	1,297.80	1,343.70	1,343.70
W-2	739.50	799.80	799.80	823.20	868.50	916.20	950.70	985.20	1,019.40	1,055.10	1,089.60	1,124.10	1,169.40	1,169.40	1,169.40
W-1	616.20	706.50	706.50	765.30	799.80	834.60	868.50	904.20	938.40	973.20	1,007.10	1,043.10	1,043.10	1,043.10	1,043.10
E-9 <sup>3</sup>	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$1,055.40	\$1,079.40	\$1,104.00	\$1,129.50	\$1,154.10	\$1,176.90	\$1,239.00	\$1,359.00	\$1,359.00
E-8	0.	0.	0.	0.	0.	885.60	910.20	934.50	959.10	984.00	1,006.80	1,031.70	1,092.00	1,214.10	1,214.10
E-7	618.30	667.20	692.10	716.10	741.00	764.10	788.40	813.30	849.90	873.90	898.50	910.20	971.40	1,092.00	1,092.00
E-6	534.00	582.30	606.60	631.80	655.50	679.80	704.40	741.00	764.10	788.40	800.70	800.70	800.70	800.70	800.70
E-5	468.90	510.30	534.90	558.30	594.60	618.90	643.80	667.20	679.80	679.80	679.80	679.80	679.80	679.80	679.80
E-4	450.60	475.80	503.70	543.00	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30
E-3	433.20	457.20	475.50	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40	494.40
E-2	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30	417.30
E-1	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40	374.40

\*NOTE: Statutory Limitation on Base Pay is \$3,958.20 effective 1 Mar 77.

<sup>1</sup> Does not apply to commissioned officers who have been credited with over 4 years' active service as enlisted members.

<sup>2</sup> Chairman of the Joint Chiefs of Staff, Chief of Staff of the Army, Chief of Naval Operations, Chief of Staff of the Air Force, or Commandant of the Marine Corps, basic pay is \$4,565.10.\*

<sup>3</sup> Sergeant Major of the Army, Master Chief Petty Officer of the Navy or Coast Guard, Chief Master Sergeant of the Air Force, or Sergeant Major of the Marine Corps, basic pay is \$1,652.10.

## Monthly Basic Allowance for Quarters Rates

## Basic Allowance for Subsistence Rates

Pay Grade	Without Dependents		With Dependents	Pay Grade	Without Dependents		With Dependents
	Full Rate <sup>1</sup>	Partial Rate <sup>2</sup>			Full Rate <sup>1</sup>	Partial Rate <sup>2</sup>	
O-10	\$297.00	\$29.40	\$371.40	E-9	\$162.60	\$10.80	\$228.60
O-9	297.00	29.40	371.40	E-8	150.30	8.70	212.40
O-8	297.00	29.40	371.40	E-7	128.40	6.90	198.30
O-7	297.00	29.40	371.40	E-6	117.00	5.70	183.00
O-6	268.80	22.80	327.90	E-5	112.50	4.80	168.30
O-5	249.30	19.20	300.30	E-4	99.30	4.50	147.90
O-4	222.90	15.30	269.10	E-3	88.50	4.50	128.40
O-3	196.80	12.90	242.70	E-2	78.30	4.20	128.40
O-2	171.30	10.20	216.90	E-1	73.80	3.90	128.40
O-1	133.80	7.50	174.30				
W-4	\$215.10	\$14.70	\$259.50				
W-3	192.60	12.00	237.30				
W-2	168.30	9.30	213.60				
W-1	152.10	8.10	197.10				

<sup>1</sup> Payment of the full rate of basic allowance for quarters at these rates for members of the uniformed services to personnel without dependents is authorized by 37 U.S.C. 403 and Part IV of Executive Order 11157, as amended.

<sup>2</sup> Payment of the partial rate of basic allowance for quarters at these rates to members of the uniformed services without dependents who, under 37 U.S.C. 403(b) or 403(c), are not entitled to the full rate of basic allowance for quarters, is authorized by 37 U.S.C. 1009(d) and Part IV of EO 11157, as amended.

Officers \$55.61 per month

Enlisted Members:

When on leave or authorized to mess separately: \$ 2.65 per day

When rations in-kind are not available: \$ 2.99 per day

When assigned to duty under emergency conditions where no messing facilities of the United States are available: \$ 3.97 per day

# MILITARY BASIC PAY TREND AND CURRENT FLIGHT PAY

Pay Grade	Years Service	Aug 64	1 Jan 72	1 Oct 76	Current Crew Member Flight Pay	% Increase Aug 64-Oct 76
E-1	0-2	78.00	288.00	374.40	50.00	380
E-2	0-2	85.80	320.70	417.30	50.00	386
E-3	0-2	99.37	333.60	433.20	55.00	336
E-4	2-3	180.00	366.00	475.80	65.00	164
E-5	4-6	230.00	429.30	558.30	80.00	143
E-6	14-16	315.00	587.70	764.10	100.00	143
E-7	18-20	370.00	690.60	898.50	105.00	143
E-8	20-22	425.00	793.50	1,031.70	105.00	143
E-9	22-26	510.00	952.80	1,239.00	105.00	143
W-1	10-12	375.00	667.80	868.50		132
W-2	16-18	455.00	811.20	1,055.10		132
W-3	20-22	540.00	962.70	1,252.20		132
W-4	26-30	685.00	1,219.80	1,586.40		132
O-1	0-2	222.30	530.70	690.00		210
O-2	2-3	376.00	802.20	868.50		131
O-3	6-8	545.00	971.40	1,263.30		132
O-4	14-16	690.00	1,230.00	1,599.30		132
O-5	20-22	855.00	1,523.70	1,981.80		132
O-6	26-30	1,085.00	1,933.20	2,514.00		132
O-7	26-30	1,235.00	2,200.50	2,861.70		132
O-8	26-30	1,420.00	2,531.10	3,291.00		132
O-9	26-30	1,575.00	2,807.10	3,300.00		110
O-10	26-30	1,785.00	3,000.00	3,650.40	Eff 1 Mar 77	85
				3,300.00 <sup>1</sup>		
				3,958.20 <sup>1</sup> Eff 1 Mar 77		
				(4,137.30)		

<sup>1</sup> Statutory Limitation

## MONTHLY INCENTIVE PAY RATES - RATED OFFICERS, FLIGHT SURGEONS AND OTHER DESIGNATED MEDICAL OFFICERS<sup>2</sup>

### PHASE I

Monthly Rate	Years of Aviation Service (Including Flight Training) as an Officer
\$100.	2 or less.
\$125.	Over 2.
\$150.	Over 3.
\$165.	Over 4.
\$245.	Over 6.

### MONTHLY INCENTIVE PAY RATES-RATED OR DESIGNATED WARRANT OFFICERS

Monthly Rate	Years of aviation service as an officer
\$100.	2 or less.
\$110.	Over 2.
\$200.	Over 6.

### PHASE II

Monthly Rate	Years of Service as an Officer as Computed under 37 U.S.C. 205
\$225.	Over 18.
\$205.	Over 20.
\$185.	Over 22.
\$165.	Over 24.
\$000.	Over 25.

### NON-CREW MEMBER FLYING PAY

Officer	Mo. Rate
Enlisted non- crew member	\$110 55

- <sup>2</sup> a. A rated officer in pay grade O-7 may not be paid incentive pay at a rate greater than \$160. per month.  
 b. A rated officer in pay grade O-8 or above may not be paid incentive pay at a rate greater than \$165. per month.  
 c. Officer with more than 18 years of officer service and less than 6 years aviation service are entitled to Phase I rates.

AF/ACFA/53106

# CIVILIAN PAY SCHEDULE GENERAL SCHEDULE EMPLOYEES 1 Oct 76 Pay Rates

	1	2	3	4	5	6	7	8	9	10
GS— 1	\$ 5,810	\$ 6,004	\$ 6,198	\$ 6,392	\$ 6,586	\$ 6,780	\$ 6,974	\$ 7,168	\$ 7,362	\$ 7,556
2	6,752	6,791	7,010	7,229	7,448	7,667	7,886	8,105	8,324	8,543
3	7,408	7,655	7,902	8,149	8,396	8,643	8,890	9,137	9,384	9,631
4	8,316	8,593	8,870	9,147	9,424	9,701	9,978	10,255	10,532	10,809
5	9,303	9,613	9,923	10,233	10,543	10,853	11,163	11,473	11,783	12,093
6	10,370	10,716	11,062	11,408	11,754	12,100	12,446	12,792	13,138	13,484
7	11,523	11,907	12,291	12,675	13,059	13,443	13,827	14,211	14,595	14,979
8	12,763	13,188	13,613	14,038	14,463	14,888	15,313	15,738	16,163	16,588
9	14,097	14,567	15,037	15,507	15,977	16,447	16,917	17,387	17,857	18,327
10	15,524	16,041	16,558	17,075	17,592	18,109	18,626	19,143	19,660	20,177
11	17,056	17,625	18,194	18,763	19,332	19,901	20,470	21,039	21,608	22,177
12	20,442	21,123	21,804	22,485	23,166	23,847	24,528	25,209	25,890	26,571
13	24,308	25,118	25,928	26,738	27,548	28,358	29,168	29,978	30,788	31,598
14	28,725	29,683	30,641	31,599	32,557	33,515	34,473	35,431	36,389	37,347
15	33,789	34,915	36,041	37,167	38,293	39,419	40,545	41,671	42,797	43,923
16	39,629	40,950	42,271	43,592	44,913	46,234	47,555*	48,876*	50,197*	
17	46,423	47,970*	49,517*	51,064*	52,611*					
18	54,410*									

\* The rate of basic pay for employees at these rates would be limited by section 5308 of title 5 of the United States Code to the rate for level V of the Executive Schedule which, under this adjustment, would become \$47,500 effective Feb 77.

## CONSOLIDATED SCHEDULE OF PERMANENT AF POSITIONS

GRADES AND RANGES	1976 ACTUAL	1977 ESTIMATE	1978 ESTIMATE
Executive Level II	1	1	1
Executive Level IV	5	5	5
Executive Level V	1	1	1
Subtotal	7	7	7
GS-18 \$54,410 <sup>1</sup>	8	8	8
GS-17 \$46,423 to \$52,611 <sup>1</sup>	22	22	21
GS-16 \$39,629 to \$50,197 <sup>1</sup>	103	103	103
GS-15 \$33,789 to \$43,923	972	972	955
GS-14 \$28,725 to \$37,347	2,983	2,958	2,911
GS-13 \$24,308 to \$31,598	8,937	8,825	8,685
GS-12 \$20,442 to \$26,571	13,130	12,755	12,724
GS-11 \$17,056 to \$22,177	14,937	15,022	14,986
GS-10 \$15,524 to \$20,177	1,462	1,416	1,413
GS-9 \$14,097 to \$18,327	17,244	16,987	16,946
GS-8 \$12,763 to \$16,588	4,729	4,595	4,584
GS-7 \$11,523 to \$14,979	12,449	12,120	12,091
GS-6 \$10,370 to \$13,484	8,998	8,914	8,893
GS-5 \$ 9,303 to \$12,093	21,846	21,444	21,392
GS-4 \$ 8,316 to \$10,809	18,988	18,406	18,361
GS-3 \$ 7,408 to \$ 9,631	11,807	11,494	11,466
GS-2 \$ 6,572 to \$ 8,543	1,736	1,728	1,723
GS-1 \$ 5,810 to \$ 7,556	405	220	219
Subtotal	140,756	137,989	137,481
Positions established by the Secretary of Defense (10 U.S.C. 1581); Scientific and Professional Ungraded	101 108,257	101 103,921	101 101,805
Total permanent positions	249,121*	242,018	239,394
Unfilled positions, end of year	2,815	2,590	2,433
Total permanent employment, end of year	246,306*	239,428	236,961

\* Includes 57 Worker-Trainee Opportunity Program Developmental Positions.

<sup>1</sup> The rate of basic pay for employees at these rates is limited by Section 5308 of Title 5 of the U.S.C. to the rate for Level V of the Executive Schedule, which under existing law is \$47,500.

# AIR FORCE MILITARY RETIREMENT PROGRAM (END OF FISCAL YEAR)

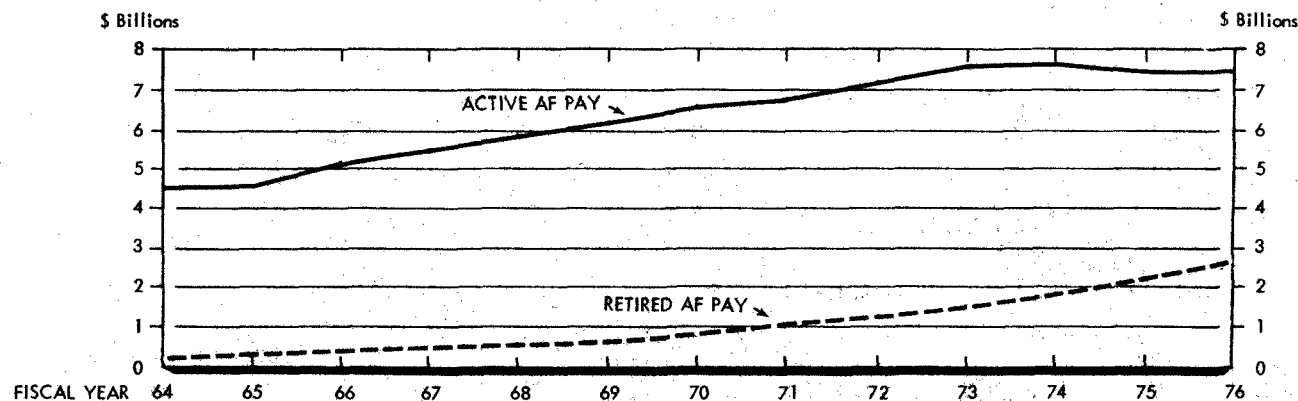
## TOTAL ON RETIRED ROLLS (CUMULATIVE)<sup>1</sup> (IN THOUSANDS)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
Total	95.3	114.3	134.0	155.9	180.0	201.5	226.7	253.6	283.4	313.0	340.8	370.4	392.4
Officer	( 35.8)	( 42.3)	( 48.2)	( 53.9)	( 59.7)	( 64.9)	( 73.1)	( 80.2)	( 85.5)	( 90.9)	( 95.7)	( 100.3)	( 105.1)
%	37.6	37.0	36.0	34.6	33.2	32.2	32.2	31.6	30.2	29.0	28.1	27.1	26.8
Airman	( 58.7)	( 71.1)	( 84.8)	(100.8)	(118.8)	(134.9)	(151.5)	( 171.1)	( 195.3)	( 219.2)	( 240.3)	( 263.4)	( 279.1)
%	61.6	62.2	63.3	64.6	66.0	66.9	66.8	67.5	68.9	70.0	70.5	71.1	71.1
Survivor Benefits	( .8)	( .9)	( 1.0)	( 1.2)	( 1.5)	( 1.7)	( 2.0)	( 2.3)	( 2.6)	( 2.9)	( 4.8)	( 6.7)	( 8.2)
%	.8	.8	.7	.8	.8	.8	.9	.9	.9	.9	1.4	1.8	2.1

## TOTAL PAYROLL COST (ANNUAL)

(DOLLARS IN MILLIONS)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
Total	257.8	324.8	403.2	492.9	590.9	717.2	872.2	1,086.0	1,291.3	1,507.1	1,805.8	2,240.4	2,653.9
Officer	(148.1)	(185.4)	(229.9)	(280.0)	(321.7)	(381.9)	(462.0)	( 578.3)	( 662.7)	( 753.7)	( 868.0)	(1,041.3)	(1,214.4)
%	57.4	57.1	57.0	56.8	54.4	53.2	52.9	53.3	51.3	50.0	48.1	46.5	45.8
Airman	(108.7)	(138.2)	(171.8)	(211.1)	(267.1)	(332.7)	(407.1)	( 503.9)	( 624.2)	( 928.9)	( 928.9)	(1,184.6)	(1,419.9)
%	42.2	42.5	42.6	42.8	45.2	46.4	46.7	46.4	48.3	50.0	51.4	52.9	53.5
Survivor Benefits	( 1.0)	( 1.2)	( 1.5)	( 1.8)	( 2.1)	( 2.6)	( 3.1)	( 3.7)	( 4.4)	( 5.6)	( 8.9)	( 14.5)	( 19.6)
%	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.5	.6	.7

<sup>1</sup> Depicts number on AF rolls only, i.e., excludes VA and disability retirements.

# USAF RETIRED MILITARY PERSONNEL RETIREMENTS BY TYPE

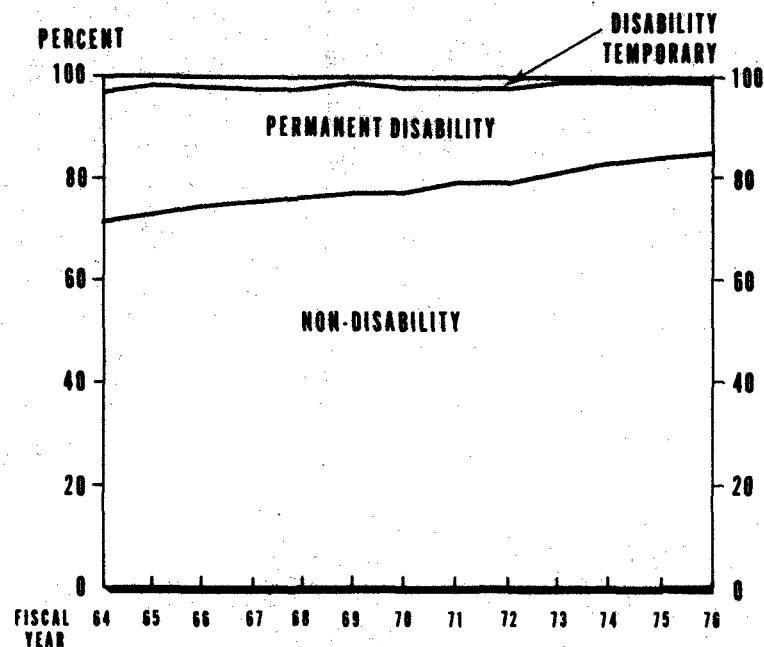
(END OF FISCAL YEAR-CUMULATIVE)

(IN THOUSANDS)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
<b>OFFICER</b>													
Non-Disability	24.8	29.0	35.0	40.0	46.4	48.7	51.0	62.3	60.9	72.1	78.4	84.5	88.9
%	( 68.2)	( 70.4)	( 71.7)	( 73.4)	( 74.4)	( 74.8)	( 74.4)	( 77.3)	( 76.4)	( 78.9)	( 80.5)	( 81.8)	( 82.8)
Temporary Disability	.4	.4	.6	.4	.5	.5	.6	.7	.6	.6	.5	.4	.4
%	( 1.2)	( 1.0)	( 1.2)	( .6)	( .8)	( .7)	( .9)	( .8)	( .7)	( .6)	( .5)	( .4)	( .4)
Permanent Disability	11.1	11.8	13.2	14.2	15.5	15.9	17.0	17.6	18.2	18.7	18.5	18.4	18.1
%	( 30.6)	( 28.6)	( 27.1)	( 26.0)	( 24.8)	( 24.5)	( 24.7)	( 21.9)	( 22.9)	( 20.4)	( 19.0)	( 17.8)	( 16.9)
<b>TOTAL</b>	<b>36.3</b>	<b>41.1</b>	<b>48.8</b>	<b>54.5</b>	<b>62.4</b>	<b>65.1</b>	<b>68.6</b>	<b>80.6</b>	<b>79.7</b>	<b>91.4</b>	<b>97.4</b>	<b>103.2</b>	<b>107.4</b>
<b>AIRMAN</b>													
Non-Disability	48.8	57.3	71.2	82.0	102.4	110.1	126.6	144.9	165.9	189.5	210.3	234.4	254.4
%	( 73.9)	( 74.7)	( 74.6)	( 75.2)	( 76.4)	( 77.3)	( 78.2)	( 79.2)	( 79.8)	( 81.3)	( 83.3)	( 84.7)	( 85.8)
Temporary Disability	2.6	2.3	3.3	2.7	3.5	2.8	3.7	4.2	4.5	4.6	3.8	3.3	3.3
%	( 3.9)	( 3.0)	( 3.5)	( 2.5)	( 2.6)	( 2.0)	( 2.3)	( 2.3)	( 2.2)	( 2.0)	( 1.5)	( 1.2)	( 1.1)
Permanent Disability	14.6	17.1	20.9	24.3	28.1	29.5	31.5	33.9	37.5	39.0	38.4	38.9	38.9
%	( 22.2)	( 22.3)	( 21.9)	( 22.3)	( 21.8)	( 20.7)	( 19.5)	( 18.5)	( 18.0)	( 16.7)	( 15.2)	( 14.1)	( 13.1)
<b>TOTAL</b>	<b>65.9</b>	<b>76.7</b>	<b>95.4</b>	<b>109.0</b>	<b>133.9</b>	<b>142.4</b>	<b>161.8</b>	<b>183.0</b>	<b>207.9</b>	<b>233.1</b>	<b>252.5</b>	<b>276.6</b>	<b>296.6</b>
<b>TOTAL</b>													
Total Non-Disability	73.5	86.3	106.2	122.0	148.8	158.8	177.6	207.2	226.7	261.7	288.7	318.8	343.2
%	( 71.9)	( 73.2)	( 73.7)	( 74.6)	( 75.8)	( 76.5)	( 77.1)	( 78.6)	( 78.8)	( 80.6)	( 82.5)	( 83.9)	( 85.0)
Total Temporary Disability	3.0	2.7	3.8	3.1	4.0	3.2	4.3	4.9	5.1	5.2	4.2	3.7	3.7
%	( 2.9)	( 2.3)	( 2.7)	( 1.9)	( 2.0)	( 1.6)	( 1.8)	( 1.8)	( 1.8)	( 1.6)	( 1.2)	( 1.0)	( .9)
Total Permanent Disability	25.7	28.9	34.1	38.4	43.6	45.5	48.5	51.5	55.7	57.6	57.0	57.3	57.1
%	( 25.2)	( 24.5)	( 23.6)	( 23.5)	( 22.2)	( 21.9)	( 21.2)	( 19.6)	( 19.4)	( 17.8)	( 16.3)	( 15.1)	( 14.1)
<b>TOTAL MILITARY</b>	<b>102.3</b>	<b>117.8</b>	<b>144.2</b>	<b>163.5</b>	<b>196.4</b>	<b>207.5</b>	<b>230.4</b>	<b>263.6</b>	<b>287.6</b>	<b>324.5</b>	<b>349.9</b>	<b>379.8</b>	<b>404.0</b>

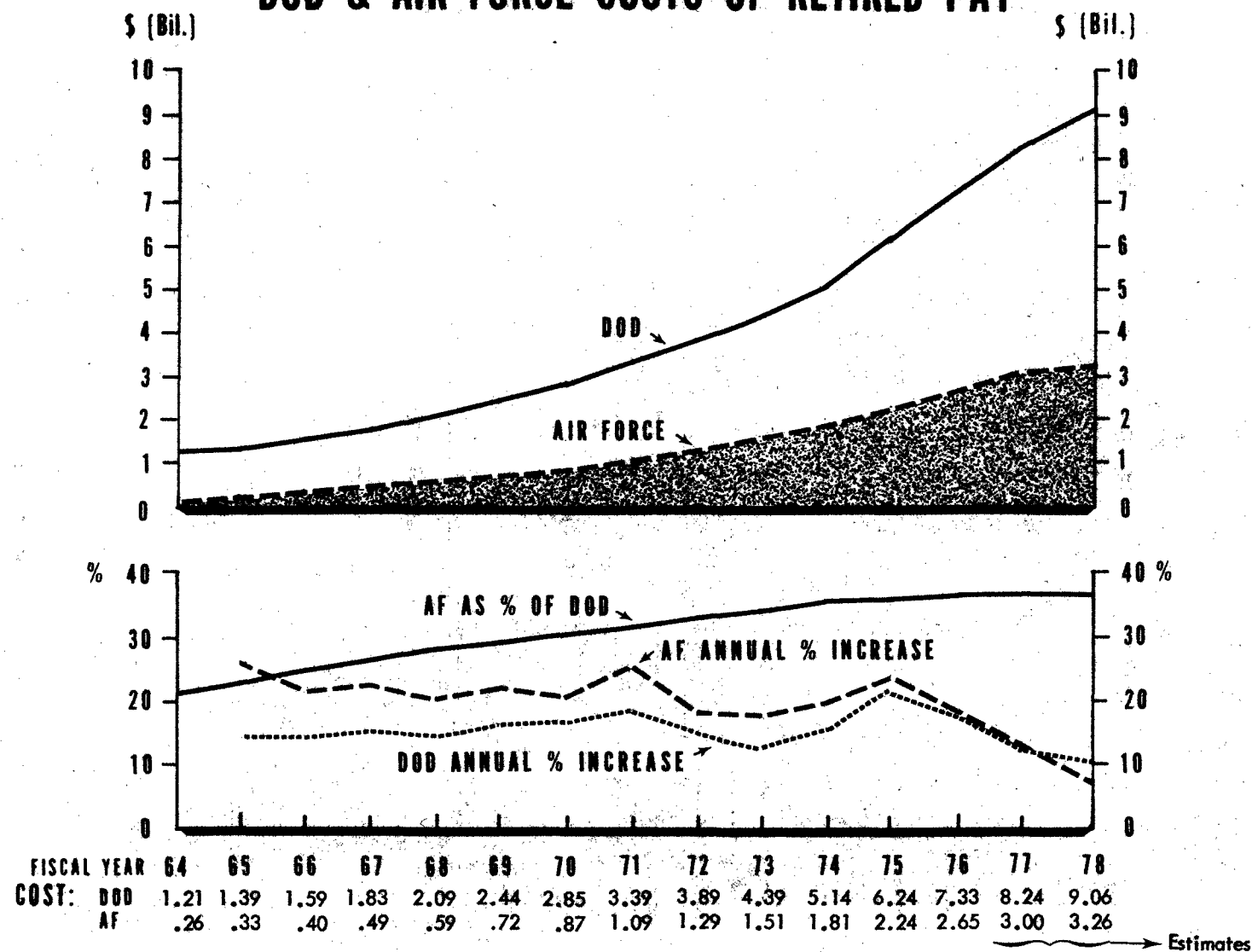
NOTE: Totals may not add due to rounding.

## TOTAL RETIREMENTS BY TYPE (CUMULATIVE)





# DOD & AIR FORCE COSTS OF RETIRED PAY



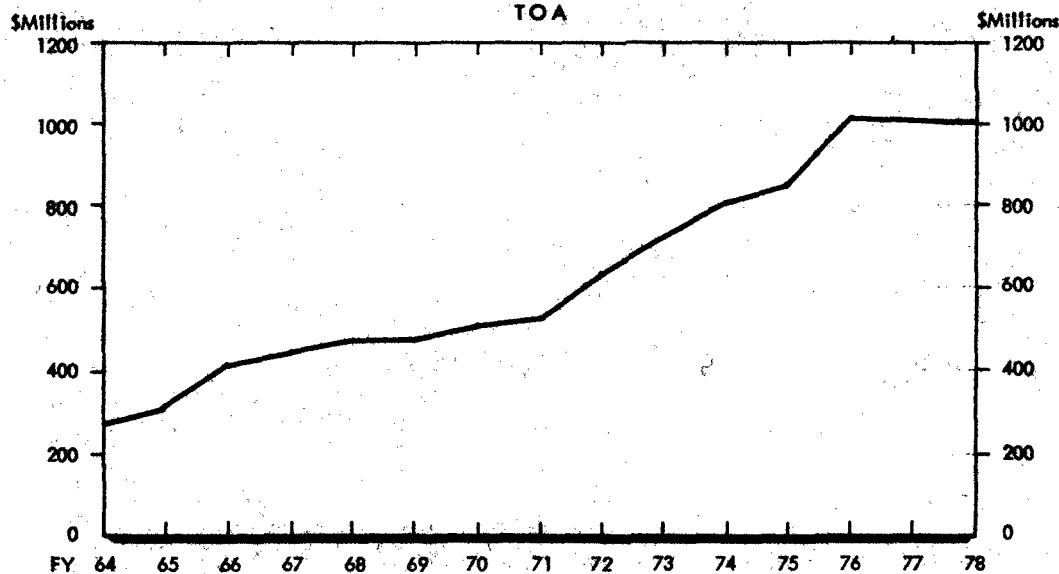
# USAF MEDICAL PROGRAM<sup>1</sup> TOA (\$Millions)

	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Aerospace Biotechnology	27.0	29.4	31.4	26.6	26.3	27.9	28.4	28.6	27.5	28.1	31.2	34.1
Hospitals	199.6	341.5	331.8	361.0	369.9	423.8	427.4	499.6	568.4	721.7	685.1	665.0
Care in Non-Svc Facilities	20.6	3.9 <sup>2</sup>	4.7	5.5	5.7	7.4	9.9	11.9	13.0	12.0	12.8	14.2
Other Medical Activities	8.2	56.2	61.0	60.3	47.0	52.8	46.5	52.7	51.0	54.5	56.9	57.9
Real Property Maintenance	-	-	-	-	-	-	-	25.6	33.6	35.2	40.3	45.2
Base Comm (Health Care)	-	.5	.5	.5	1.0	1.1	1.2	1.3	1.6	1.9	2.0	2.3
CHAMPUS <sup>3</sup>	23.8	38.8	50.3	54.9	77.2	118.8	165.6	181.9	164.3	170.0	192.0	203.6
TOTAL MEDICAL SUPPORT	279.2	470.3	479.7	508.8	527.1	631.8	724.0	801.6	859.4	1,023.4	1,020.3	1,022.3

<sup>1</sup> Includes Military and Civilian Pay; excludes O&M prior to 1966.<sup>2</sup> Discontinued Inter-Service Reimbursements.<sup>3</sup> OSD Budget Starting in FY 75 - AF Portion Shown.

Source: FYDP, 14 Jan 1977

## AF MEDICAL PROGRAM TOA





# SUMMARY OF ACTIVE USAF INSTALLATIONS

## END FISCAL YEAR

	1964	1968	1969	1970	1971	1972	1973	1974	1975	1976 <sup>1</sup>	1977
TOTAL ACTIVE INSTALLATIONS	<u>5,034</u>	<u>3,981</u>	<u>3,917</u>	<u>3,735</u>	<u>3,590</u>	<u>3,557</u>	<u>3,231</u>	<u>3,237</u>	<u>3,191</u>	<u>3,170</u>	<u>3,161</u>
TOTAL MAJOR ACTIVE	216	198	197	178	166	161	157	154	148	140	137 <sup>2</sup>
US	151	129	125	116	114	112	111	109	107	111	110
OVERSEAS	65	69	72	62	52	49	46	45	41	29	27
TOTAL OTHER ACTIVE	4,818	3,783	3,720	3,557	3,424	3,396	3,074	3,083	3,043	3,030	3,024
US	3,435	2,526	2,419	2,314	2,272	2,316	2,204	2,227	2,192	2,372	2,371
OVERSEAS	1,383	1,257	1,301	1,243	1,152	1,080	870	856	851	658	653

<sup>1</sup> Prior to 1976, "US" did not include Hawaii, Alaska and US possessions. Beginning in 1976, Hawaii, Alaska and US possessions are contained in "US"; only foreign bases are included under "Overseas".

<sup>2</sup> Total assumes no decision on candidate actions announcement 11 March 1976.

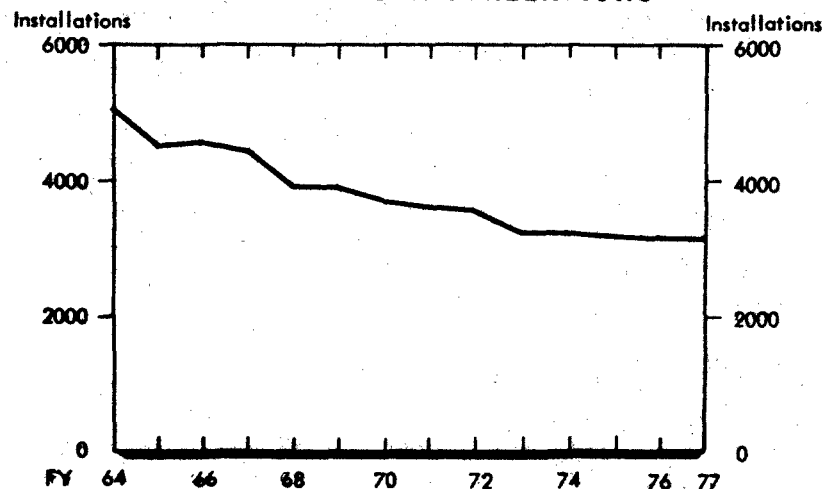
### DEFINITIONS:

**Major Installations:** (Two Part Definition) A major installation is one at which full-time flying or missile operations are conducted either by a permanently assigned squadron, its equivalent, or higher active or reserve Air Force unit. (It may be an Air Force or other Service installation, or a civil airport.)

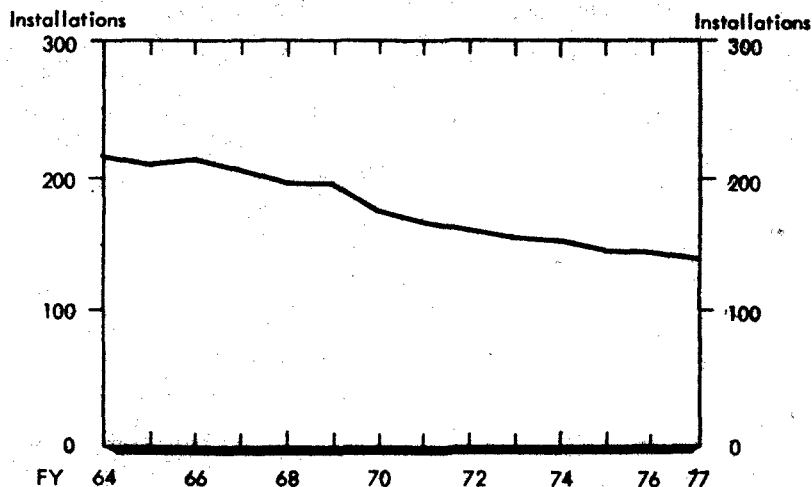
A major installation is also one at which flying or missile operations are not conducted, but which does have assigned to it a wing headquarters, its equivalent, or a higher level Air Force organization.

**Minor Installations** include: Auxiliary Air Fields, Missile Sites, Electronics Stations or Sites, General Support Annexes, and Air National Guard Installations.

### TOTAL ACTIVE INSTALLATIONS



### MAJOR ACTIVE INSTALLATIONS

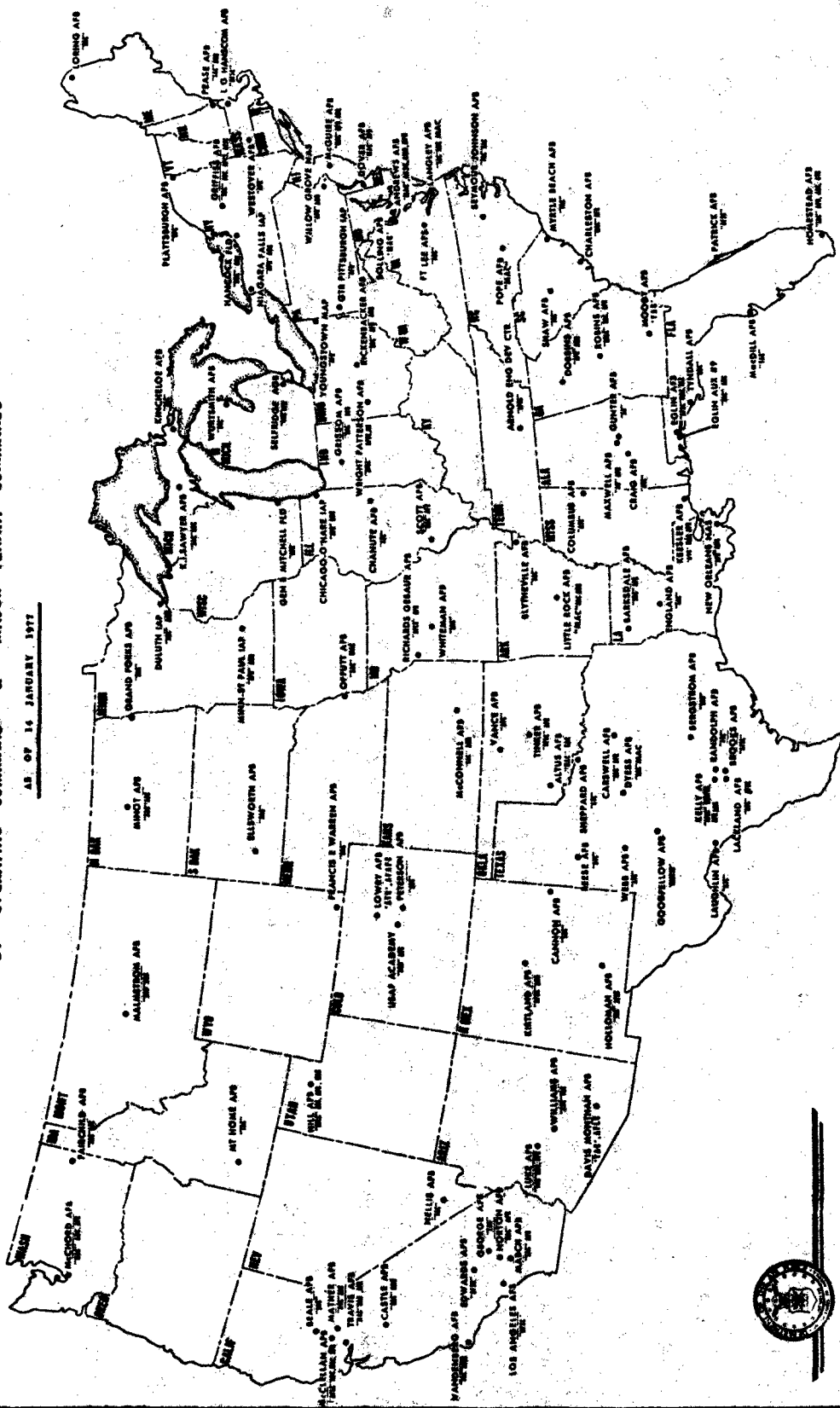


Source: USAF Program: Bases, Units, and Priorities.

# USAF ACTIVE MAJOR INSTALLATIONS

## BY OPERATING COMMAND & MAJOR TENANT COMMANDS

AS OF 14 JANUARY 1977



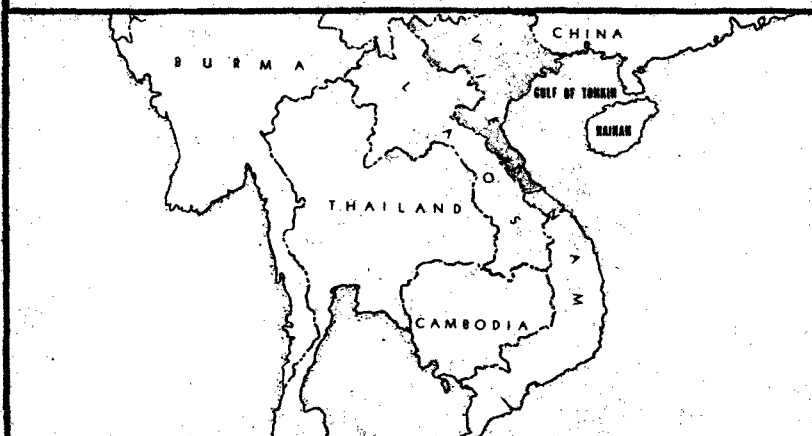
# **NORTH - CENTRAL AMERICA - ATLANTIC**



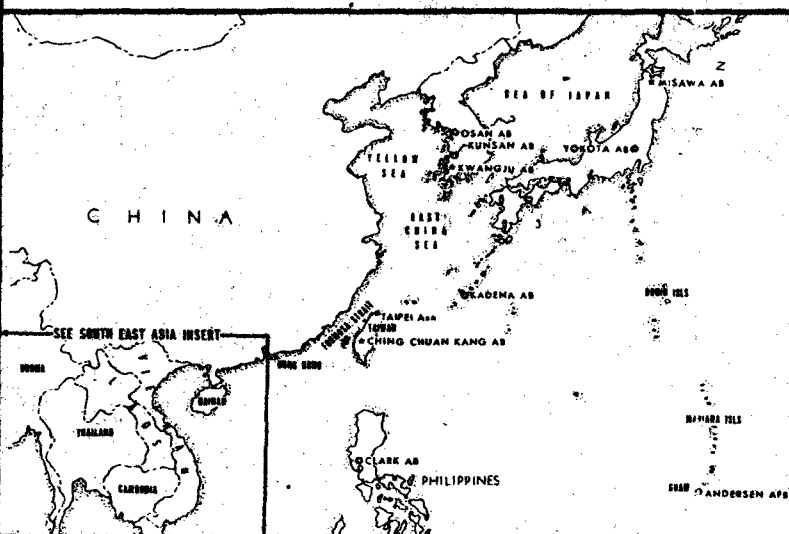
# **EUROPE - AFRICA - MIDDLE EAST**



# **SOUTHEAST ASIA**



# **PACIFIC AREA**



# **USAF MAJOR INSTALLATIONS OUTSIDE CONTINENTAL U.S.**

AS OF 10 JANUARY 1977

USAF ACTIVE MAJOR INSTALLATIONS

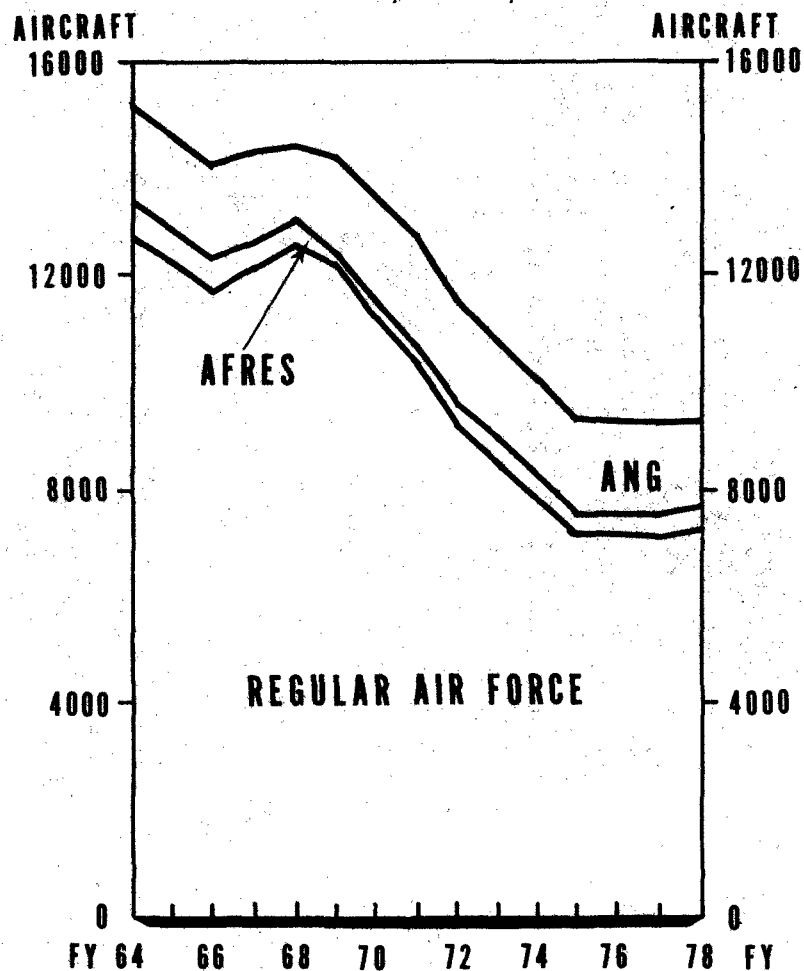
USAF DOA OF MAJOR ACTIVITY

# USAF ACTIVE AIRCRAFT INVENTORY<sup>1</sup> FY 1964 THROUGH FY 1978

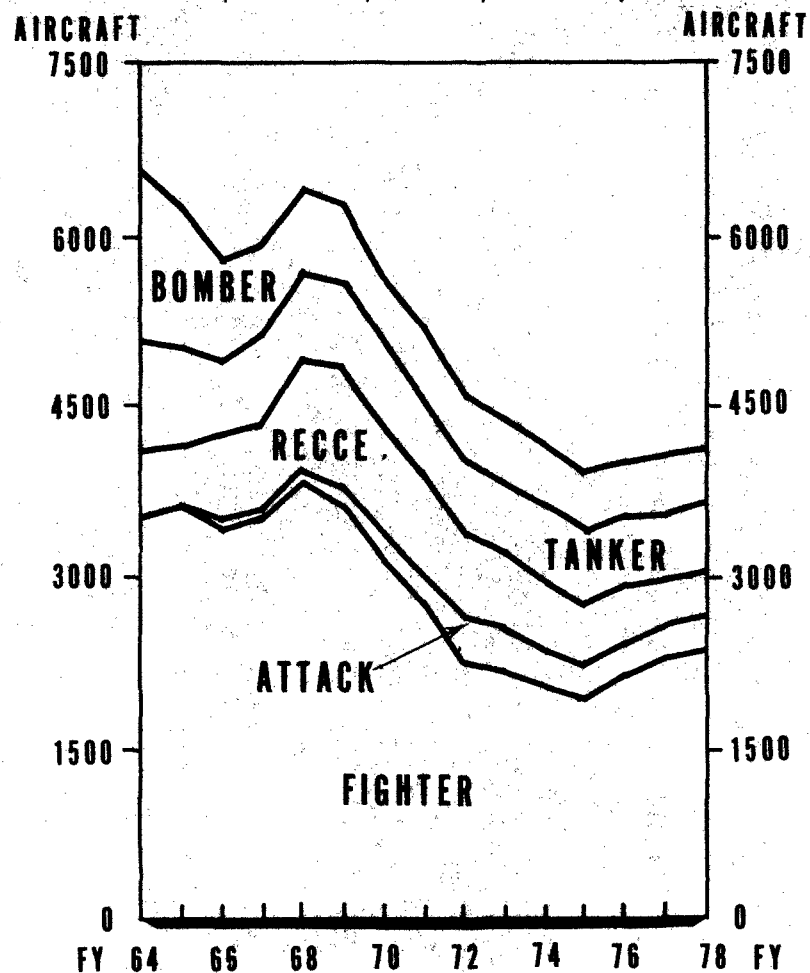
	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	(Est) 1977	(Est) 1978
<b>REGULAR AIR FORCE</b>												
Bomber	1,509	779	732	570	622	558	520	500	498	494	491	489
Tanker	998	667	662	663	662	660	660	657	657	622	556	525
Fighter	3,538	3,877	3,617	3,102	2,764	2,288	2,151	2,009	1,984	2,196	2,311	2,376
Attack	-	108	208	302	318	364	401	378	315	300	277	291
Reconnaissance	595	1,009	1,063	993	841	750	687	610	494	412	423	422
Search & Rescue	100	91	73	87	82	75	60	56	44	41	37	38
Special Research/Other	3	5	2	-	-	-	1	-	1	1	-	-
Cargo/Transport	2,327	2,358	2,087	1,854	1,583	1,325	1,175	1,253	927	888	863	853
Trainer	2,873	2,584	2,744	2,625	2,623	2,454	2,271	1,996	1,861	1,800	1,772	1,786
Utility/Observation	345	663	534	568	400	288	221	154	189	198	216	213
Helicopter	401	465	480	457	526	493	391	317	269	254	253	255
<b>REGULAR AIR FORCE TOTAL</b>	<b>12,689</b>	<b>12,606</b>	<b>12,202</b>	<b>11,221</b>	<b>10,421</b>	<b>9,255</b>	<b>8,538</b>	<b>7,930</b>	<b>7,239</b>	<b>7,206</b>	<b>7,199</b>	<b>7,248</b>
<b>AIR FORCE RESERVE</b>												
Tanker	-	-	-	-	-	-	-	-	-	-	16	24
Fighter	-	-	-	-	-	27	78	76	74	72	70	69
Attack	-	-	-	1	60	62	60	62	91	101	103	101
Reconnaissance	-	-	-	6	9	14	13	9	7	12	16	16
Search & Rescue	20	32	39	39	26	9	10	10	12	14	14	13
Cargo/Transport	664	394	345	284	213	197	207	241	229	230	225	215
Trainer	32	-	1	-	-	-	9	4	4	4	4	4
Utility/Observation	3	-	19	89	50	21	-	-	-	-	-	-
Helicopter	-	-	-	-	5	23	29	26	31	31	32	31
<b>AIR FORCE RESERVE TOTAL</b>	<b>719</b>	<b>426</b>	<b>404</b>	<b>419</b>	<b>363</b>	<b>353</b>	<b>406</b>	<b>428</b>	<b>448</b>	<b>464</b>	<b>480</b>	<b>473</b>
<b>AIR NATIONAL GUARD</b>												
Bomber	2	-	-	-	-	16	16	-	-	-	-	-
Tanker	62	55	54	77	77	77	77	77	76	103	107	104
Fighter	1,055	744	840	990	1,046	1,057	1,090	981	828	720	631	537
Attack	-	-	-	22	50	33	29	76	141	183	251	305
Reconnaissance	192	167	236	234	202	168	146	171	168	185	186	184
Search & Rescue	17	18	18	17	11	-	-	-	8	8	8	8
Cargo/Transport	285	303	297	302	285	265	178	247	194	203	209	223
Trainer	169	127	140	143	131	125	161	78	72	60	40	37
Utility/Observation	24	24	75	120	160	168	158	156	155	144	124	124
Helicopter	-	-	-	-	-	-	-	12	5	11	11	10
<b>AIR NATIONAL GUARD TOTAL</b>	<b>1,806</b>	<b>1,438</b>	<b>1,660</b>	<b>1,905</b>	<b>1,962</b>	<b>1,909</b>	<b>1,855</b>	<b>1,798</b>	<b>1,647</b>	<b>1,617</b>	<b>1,567</b>	<b>1,532</b>
<b>USAF GRAND TOTAL</b>	<b>15,214</b>	<b>14,470</b>	<b>14,266</b>	<b>13,545</b>	<b>12,746</b>	<b>11,517</b>	<b>10,799</b>	<b>10,156</b>	<b>9,334</b>	<b>9,287</b>	<b>9,246</b>	<b>9,253</b>

<sup>1</sup> Aircraft are categorized by functional mission.

# USAF ACTIVE AIRCRAFT INVENTORY REGULAR/AFRES/ANG



# SELECTED REGULAR ACTIVE AIRCRAFT BOMBER/TANKER/RECCE/ATTACK/FIGHTER



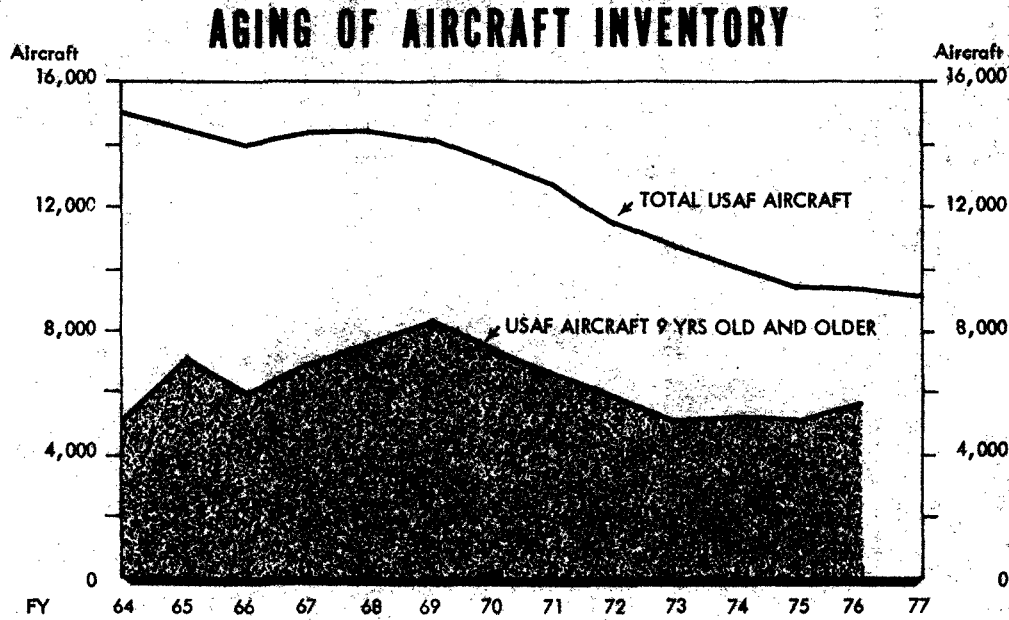


FOR 6

AF/YRPL/54906

## USAF ACTIVE AIRCRAFT INVENTORY VS USAF AIRCRAFT NINE YEARS OLD AND OLDER

FY	64	65	66	67	68	69	70	71	72	73	74	75	76	77
Regular Air Force	12,689	12,280	11,210	12,064	12,606	12,202	11,221	10,421	9,255	8,538	7,930	7,239	7,206	7,199
Air Force Reserve	719	621	514	495	426	404	419	363	353	406	428	448	464	480
Air National Guard	1,806	1,767	1,795	1,811	1,438	1,660	1,905	1,962	1,909	1,855	1,798	1,647	1,617	1,567
Total Force	15,214	14,668	14,019	14,370	14,470	14,266	13,545	12,746	11,517	10,799	10,156	9,334	9,287	9,246
% 9 years & older	34.0	36.3	42.6	48.5	53.8	58.0	55.0	52.0	52.0	47.0	53.0	55.0	62.0	



### AVERAGE AGE OF USAF AIRCRAFT (YEAR/MONTH)

FY	64	65	66	67	68	69	70	71	72 <sup>1</sup>	73 <sup>2</sup>	74	75	76	77 <sup>3</sup>
Regular Air Force	7/9	7/10	8/3	8/5	8/11	8/11	8/11	9/2	9/8	9/-	9/7	9/11	10/5	
Air Force Reserve	11/8	12/7	13/7	14/3	15/3	16/-	15/3	13/9	12/1	12/6	12/10	12/7	12/11	
Air National Guard	9/5	10/4	11/2	12/1	13/-	13/10	14/2	13/9	13/8	14/5	14/10	14/7	14/6	

<sup>1</sup> Years FY 64 through FY 72 reflect the average age of both Active and Inactive Aircraft.

<sup>2</sup> Years FY 73 forward reflect the average age of the Active Aircraft only.

<sup>3</sup> No projection of end FY 77 average age is available.

## AGE OF ACTIVE FORCES AIRCRAFT

AS OF 31 DEC 76

MDS	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-7	21	173	56	-	-	-	-	-	-	250	4/11
A-10	26	1	-	-	-	-	-	-	-	27	-/10
A-37	1	3	2	1	-	-	-	-	-	7	5/11
B-1	3	-	-	-	-	-	-	-	-	3	-/4
B-52	-	-	-	-	41	226	154	-	-	421	17/5
B-57	-	-	-	-	-	-	22	-	-	22	20/1
FB-111	-	21	48	-	-	-	-	-	-	69	6/2
C-5	2	52	23	-	-	-	-	-	-	77	5/4
C-6	-	-	-	1	-	-	-	-	-	1	11/1
XC-8	-	-	-	-	1	-	-	-	-	1	13/-
C-9	3	9	11	-	-	-	-	-	-	23	5/10
C-12	14	-	-	-	-	-	-	-	-	14	-/7
C-14	2	-	-	-	-	-	-	-	-	2	-/4
C-15	2	-	-	-	-	-	-	-	-	2	-/4
C-118	-	-	-	-	-	-	-	1	-	1	21/-
C-130	64	28	47	66	175	10	7	-	-	397	9/8
C-131	-	-	-	-	-	-	1	9	-	10	21/7
C-135	-	-	-	10	279	281	123	-	-	693	15/8
VC-137	-	1	-	-	1	3	-	-	-	5	14/2
C-140	-	-	-	-	12	3	-	-	-	15	14/2
C-141	-	-	3	261	12	-	-	-	-	276	10/5
E-3	5	-	-	-	-	-	-	-	-	5	-/4
E-4	2	2	-	-	-	-	-	-	-	4	2/7
F-4	131	109	591	682	148	-	-	-	-	1,661	8/5
F-5	76	25	-	-	3	-	-	-	-	104	1/10
F-15	134	9	-	-	-	-	-	-	-	143	1/-
F-16	3	-	-	-	-	-	-	-	-	3	1/4
F-101	-	-	-	-	-	14	-	-	-	14	17/-
F-105	-	-	-	-	46	-	-	-	-	46	12/7
F-106	-	-	-	-	-	121	22	-	-	143	16/11
F-111	24	177	173	7	-	-	-	-	-	381	5/8
H-1	-	58	28	55	1	-	-	-	-	142	7/6
H-3	-	-	23	29	11	-	-	-	-	63	9/8
H-53	6	7	32	6	-	-	-	-	-	51	6/6
O-2	-	-	89	17	-	-	-	-	-	106	7/8
OV-10	-	-	87	3	-	-	-	-	-	90	8/2
T-28	-	-	-	-	-	-	-	-	1	1	24/8
T-33	-	-	-	-	-	39	78	12	1	130	18/10
T-37	-	-	156	57	41	288	140	-	-	682	14/6
T-38	-	45	210	300	334	21	-	-	-	910	10/11
T-39	-	-	-	-	100	34	-	-	-	134	14/5
T-41	-	-	26	26	-	-	-	-	-	52	8/8
T-43	14	5	-	-	-	-	-	-	-	19	2/11
U-4	-	-	-	-	-	-	2	-	-	2	20/10
OTHERS (31)	-	-	-	-	-	-	-	-	-	31	-
AF TOTAL	533	725	1,605	1,521	1,205	1,040	549	22	2	7,233	10/7
PERCENT	7%	10%	22%	21%	17%	14%	8%	-	-	-	-

Nr & % Under/  
Over 9 yrs old

2,863 40%

(Under)

4,339 60%

(Over)

<sup>1</sup> Inventory only.

Source: RCS: SS-A1, 31 Dec 76

## AGE OF RESERVE FORCES AIRCRAFT

### AIR NATIONAL GUARD

AS OF 31 DEC 76

MD	INVENTORY BY AGE GROUPS (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-7	49	110	3	-	-	-	-	-	-	162	3/6
A-37	18	6	26	-	-	-	-	-	-	50	4/6
B-57	-	-	-	-	-	-	-	21	-	21	22/-
C-7	-	-	-	13	-	4	-	-	-	17	11/2
C-97	-	-	-	-	-	-	14	31	-	45	21/11
C-121	-	-	-	-	-	-	4	-	-	4	20/11
C-130	-	-	-	8	48	39	59	-	-	154	16/6
C-131	-	-	-	-	-	-	9	34	1	44	21/7
C-135	-	-	-	-	-	10	39	-	-	49	18/4
F-4	-	-	3	147	26	-	-	-	-	176	11/2
F-100	-	-	-	-	-	13	368	-	-	381	19/11
F-101	-	-	-	-	-	80	22	-	-	102	17/2
F-102	-	-	-	-	-	-	7	-	-	7	20/2
F-105	-	-	-	-	47	39	3	-	-	89	15/1
F-106	-	-	-	-	-	84	6	-	-	90	17/2
H-3	-	-	4	7	-	-	-	-	-	11	9/5
O-2	-	-	75	68	-	-	-	-	-	143	8/4
T-33	-	-	-	-	-	2	11	37	-	50	21/1
T-39	-	-	-	-	-	2	-	-	-	2	15/8
ANG TOTAL	67	116	111	243	121	273	542	123	1	1,597	14/8
PERCENT	4%	7%	7%	15%	8%	17%	34%	8%	-	-	-

Nr & % under/  
over 9 yrs old

294 18%  
(Under)

1,303 82%  
(Over)

### AIR FORCE RESERVE

MD	INVENTORY BY AGE GROUPS (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-37	38	33	22	-	-	-	-	-	-	93	4/-
C-7	-	-	-	26	-	6	-	-	-	32	11/-
C-121	-	-	-	-	-	-	5	5	-	10	21/6
C-123	-	-	-	-	-	-	44	20	-	64	20/6
C-130	-	-	2	18	33	41	61	3	-	158	16/5
C-135	-	-	-	-	-	5	5	-	-	10	17/10
F-105	-	-	-	-	31	40	-	-	-	71	15/2
H-1	-	18	-	-	-	-	-	-	-	18	3/10
H-3	-	-	2	10	1	-	-	-	-	13	10/-
T-33	-	-	-	-	-	-	4	-	-	4	18/5
AFR TOTAL	38	51	26	54	65	92	119	28	-	473	13/6
PERCENT	8%	11%	5%	11%	14%	19%	25%	6%	-	-	-

Nr & % under/  
over 9 yrs old

115 24%  
(Under)

358 76%  
(Over)

# AGE OF USAF STRATEGIC MISSILES

## USAF DIRECT INVENTORY

### CALENDAR AGE OF STRATEGIC MISSILES

AS OF 31 DEC 76

MDS	AGE OF STRATEGIC MISSILES - BY SERIES (IN YEARS)							TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20		
CIM-10-Bomarc	-	-	-	-	14	11	-	25	14/11
HGM-16-Atlas	-	-	-	-	4	-	-	4	14/10
ADM-20-Quail	-	-	-	-	87	277	-	364	15/5
LGM-25-Titan III	-	-	-	17	42	-	-	59	12/8
AGM-28-Hound Dog	-	-	-	-	232	56	-	288	14/6
LGM-30-Minuteman	259	341	234	325	-	-	-	1,159	6/1
BQM-34-Firebee	11	122	4	-	-	-	-	137	4/4
AGM-69-SRAM	762	668	-	-	-	-	-	1,430	3/-
PQM-102-Drone	-	-	-	-	-	-	11	11	18/11
XQM-103-Drone	2	-	-	-	-	-	-	2	2/7
TOTAL	1,034	1,131	238	342	379	344	11	3,479	6/7

Source: RCS: SS-A1, 31 Dec 76

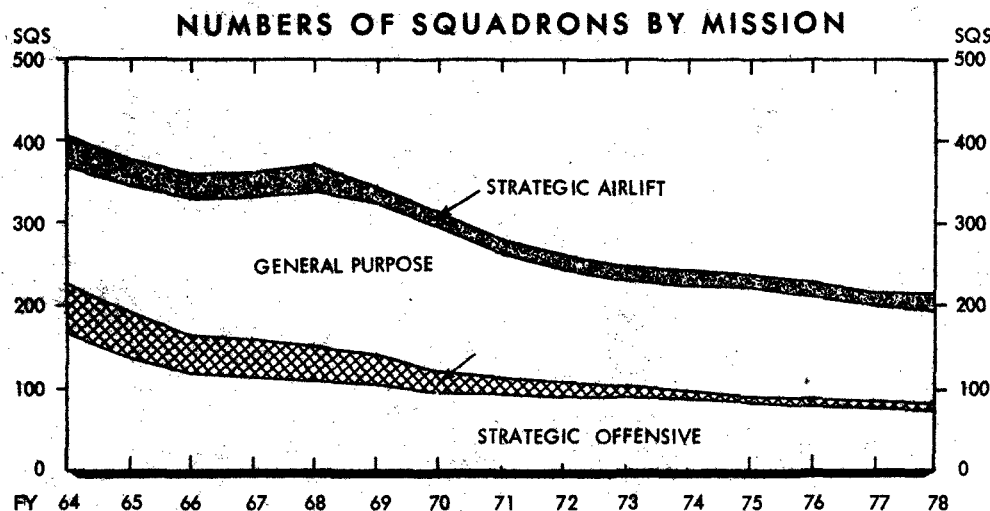
## SELECTED REGULAR AIR FORCE COMBAT FORCES BY SQUADRON

FY 1964 - FY 1978

	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<b>STRATEGIC OFFENSIVE</b>												
Bomber (Heavy)	42	34	30	31	29	26	26	24	23	22	20	20
Bomber (Medium)	33	6	6	-	4	4	4	4	4	4	4	4
Missile Augmentation <sup>1</sup>	(29)	(17)	(17)	(17)	(17)	(17)	(17)	(12)	(3)	-	-	-
Strategic Missile (SRAM) <sup>1</sup>	-	-	-	-	-	(1)	(8)	(15)	(19)	(20)	(18)	(18)
Reconnaissance	2	3	2	2	1	1	1	1	1	1	1	1
ECM	3	-	-	-	-	-	-	-	-	-	-	-
Air Refueling	55	41	41	40	38	38	38	38	38	35	32	30
Strategic Missile (ICBM)	35	26	26	26	26	26	26	26	26	26	26	26
<b>STRATEGIC DEFENSIVE</b>												
Fighter Interceptor <sup>2</sup>	40	26	19	14	11	9	7	7	6	6	6	6
Airborne Early Warning and Control	7	7	7	3	2	2	2	1	1	-	-	-
Defense System Evaluation	3	3	3	3	2	2	2	1	1	1	1	1
Air Defense Missile	8	6	6	5	5	5	3	-	-	-	-	-
<b>GENERAL PURPOSE</b>												
Tactical Bomber	2	1	1	1	1	-	-	-	-	-	-	-
Tactical Fighter	75	92	81	82	73	73	71	74	70	73	76	77
Fighter Interceptor O/S	9	8	8	3	1	1	1	1	1	1	1	1
Reconnaissance	8	21	18	19	14	13	13	13	12	9	9	9
Special Operations	6	22	28	21	14	11	7	5	5	5	5	5
Tactical Air Control System	1	9	6	7	10	11	9	11	9	9	11	11
Tactical Airborne Command and Control System	-	-	-	-	-	-	-	-	2	2	4	4
Tactical Missile	8	2	1	-	-	-	-	-	-	-	-	-
Tactical Electronic Warfare	6	2	4	3	2	2	1	-	-	-	-	-
ABNCP (CINCS)	-	2	2	2	2	2	3	3	3	3	3	3
Tactical Drone Support	-	-	-	-	-	-	1	1	1	1	-	-
<b>AIRLIFT</b>												
Strategic	35	32	20	18	17	17	17	17	17	17	17	17
Tactical	26	31	33	34	28	19	17	17	17	15	15	15

<sup>1</sup> AGM equipped squadrons. Squadrons are included in Bomber (Heavy and Medium) totals.

<sup>2</sup> Fighter interceptors in PACAF, USAF, and Iceland are included in General Purpose Forces.



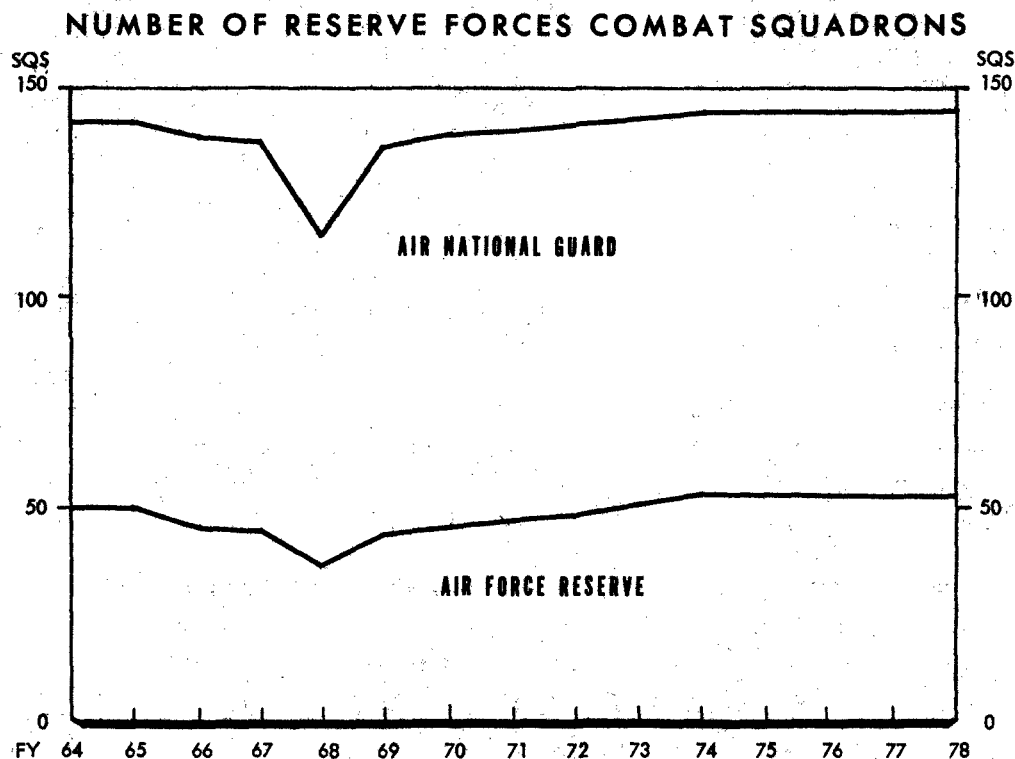
## RESERVE FORCES COMBAT SQUADRONS FY 1964 — FY 1977

	<u>FY 1964</u>	<u>1968<sup>1</sup></u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
<b>AIR FORCE RESERVE SQs</b>												
Air Refueling	-	-	-	-	-	-	-	-	-	-	2	3
Tactical Fighter	-	-	-	-	3	5	7	7	7	7	7	7
Special Operations	-	-	1	3	2	1	-	1	1	2	2	2
Tactical Airlift	40	18(1)	11	8	12	21	23	22	22	20	18	17
Strategic Airlift	5	14(4)	19	16	13	3	-	-	-	-	-	-
Air Rescue	5	4(1)	5	5	4	4	4	4	4	4	4	4
Assoc Airlift/Aero-Med	-	1	5	11	13	14	16	18	18	18	18	18
Other <sup>2</sup>	-	-	3	4	1	1	1	1	1	2	2	2
<b>AIR NATIONAL GUARD SQs</b>												
Air Refueling	3	5	5	7	7	7	9	9	9	12	13	13
Fighter Interceptor	24	22	22	18	17	18	21	20	15	11	10	10
Tactical Fighter	22	13(10)	23	26	27	28	29	29	31	29	29	28
Tactical Reconnaissance	13	9(3)	12	12	11	8	7	7	7	8	8	8
Special Operations	4	4	4	4	3	3	3	3	2	-	-	-
Other Attack	-	-	-	-	-	1	1	-	-	-	-	-
Strategic Airlift	25	23(1)	17	14	9	7	3	3	-	-	-	-
Tactical Airlift	1	1	1	3	8	12	13	12	15	17	18	19
Tactical Air Control System	-	-	3	3	5	5	5	5	7	7	6	6
Other <sup>3</sup>	-	1	5	5	5	3	1	3	5	7	7	7

<sup>1</sup> Numbers in parentheses reflect additional units mobilized during the Pueblo crisis (Jan 68 - Jun 68).

<sup>2</sup> Includes at various times: TAC Air Support, AEW&C, and Weather Squadrons.

<sup>3</sup> Includes at various times: Combat Crew Training (CCT), TEWS, AEROMED, and EB-57 Squadrons.



FOR 12  
AF/LGY/75642

## AIRCRAFT NORM/NORS RATES SELECT AIRCRAFT

AIRCRAFT		PER CENT	CALENDAR YEAR 1975						CALENDAR YEAR 1976								
			JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
<u>A-7</u>	NORM "G"	%	19.6	20.8	24.6	22.1	21.4	21.8	26.5	23.4	26.6	30.3	16.1	21.1	24.7	24.3	23.1
	NORM "F"	%	11.9	10.6	5.7	5.3	5.8	7.2	6.5	9.4	9.0	10.4	6.6	7.8	7.2	8.5	7.1
	NORS "G"	%	28.8	29.4	41.7	36.8	30.4	23.3	13.9	15.2	9.8	7.9	4.7	5.1	8.6	8.1	7.0
	NORS "F"	%	9.8	10.3	7.3	6.1	5.3	4.6	3.5	4.2	4.3	5.4	3.2	3.4	4.9	4.5	5.6
<u>B-52</u>	NORM "G"	%	31.2	37.2	37.5	38.2	37.2	38.8	37.6	39.2	26.9	32.1	31.2	31.5	27.8	36.2	35.2
	NORM "F"	%	6.7	7.1	7.4	7.3	6.4	8.0	8.5	10.0	9.3	9.7	9.8	10.0	9.5	12.5	12.9
	NORS "G"	%	2.6	3.1	2.4	2.7	2.7	2.3	1.9	2.6	3.5	3.0	2.4	2.2	2.9	3.5	2.4
	NORS "F"	%	7.1	6.8	6.7	5.8	5.5	6.6	7.7	6.8	6.5	6.8	7.0	6.4	5.6	6.5	5.9
<u>FB-111</u>	NORM "G"	%	46.3	44.2	42.9	39.6	35.6	46.6	47.2	37.5	39.2	68.2	44.6	20.2	35.7	41.0	44.2
	NORM "F"	%	8.9	8.2	6.2	5.2	5.5	9.1	5.0	5.8	7.5	18.9	9.2	3.2	6.2	6.7	5.1
	NORS "G"	%	1.4	1.6	2.3	2.9	5.2	2.0	4.2	10.2	4.2	1.7	3.6	3.1	9.9	6.3	3.4
	NORS "F"	%	5.4	6.1	4.8	4.0	5.2	7.6	5.4	5.6	6.8	11.9	7.7	5.1	6.6	4.8	7.4
<u>C-5</u>	NORM "G"	%	54.0	46.3	46.8	46.2	45.8	44.8	47.5	47.4	50.1	43.8	41.1	46.3	46.6	54.9	32.5
	NORM "F"	%	13.7	11.8	9.0	12.2	10.6	10.8	11.1	5.5	14.0	19.6	22.0	18.5	11.8	32.7	12.2
	NORS "G"	%	6.7	7.6	10.3	8.4	4.7	3.9	6.7	6.2	3.9	5.7	3.9	5.2	4.0	5.9	3.2
	NORS "F"	%	20.3	26.7	31.7	30.0	31.0	30.8	22.4	26.3	18.5	6.3	5.9	7.5	12.1	14.2	9.4
<u>C-130</u>	NORM "G"	%	26.6	19.7	30.0	29.5	29.8	30.9	32.0	30.8	29.3	25.0	20.8	24.2	24.2	27.0	25.2
	NORM "F"	%	8.1	8.1	7.4	7.6	7.4	8.2	7.6	9.8	10.5	9.0	9.4	10.8	10.5	10.8	8.3
	NORS "G"	%	5.8	6.5	6.4	5.9	5.9	7.5	6.9	5.8	5.7	5.1	4.7	4.5	4.4	5.4	4.4
	NORS "F"	%	9.0	8.5	9.9	10.0	8.9	8.2	7.9	9.3	8.6	6.7	5.4	5.7	7.5	7.7	5.5
<u>C-135</u>	NORM "G"	%	30.4	28.7	28.9	29.4	30.7	22.3	30.1	31.3	30.1	28.1	22.4	22.1	22.1	25.4	26.4
	NORM "F"	%	3.6	3.6	3.3	3.9	3.7	4.4	4.3	4.3	4.3	4.2	5.6	5.8	5.8	5.7	5.7
	NORS "G"	%	4.0	4.0	3.2	3.1	3.4	3.9	4.2	3.9	3.6	3.3	2.5	2.5	3.1	3.0	2.9
	NORS "F"	%	4.6	4.8	5.3	5.1	4.9	5.2	5.0	5.2	4.3	4.7	3.2	3.3	3.1	3.8	2.9
<u>C-141</u>	NORM "G"	%	33.6	33.1	37.3	31.9	31.9	33.4	34.7	32.6	33.2	22.8	26.1	28.9	26.1	37.1	25.4
	NORM "F"	%	7.3	10.6	12.0	7.1	8.6	9.4	8.5	11.8	15.4	13.1	12.7	9.3	3.6	5.2	3.6
	NORS "G"	%	4.2	4.0	5.6	3.7	3.9	4.8	5.6	5.0	4.2	2.9	4.2	3.6	3.3	4.0	2.4
	NORS "F"	%	8.1	7.2	6.3	8.2	9.9	9.9	11.5	12.0	9.2	7.6	7.8	5.6	5.7	9.4	6.8
<u>RF-4C</u>	NORM "G"	%	27.0	23.5	23.2	25.8	25.8	26.0	26.9	25.3	24.3	30.2	20.7	23.6	24.1	29.4	31.1
	NORM "F"	%	2.9	3.8	3.6	4.3	4.1	6.0	5.1	4.6	5.0	5.4	5.2	7.3	8.6	5.6	7.2
	NORS "G"	%	5.0	5.1	4.5	5.5	6.1	7.3	6.4	6.3	6.5	7.7	4.8	5.5	5.0	4.9	7.4
	NORS "F"	%	3.1	2.6	2.8	2.7	2.6	2.6	2.7	3.4	2.0	3.4	2.0	3.6	3.0	3.5	4.2

"F" designates Flyable.  
"G" designates Grounded.

# AIRCRAFT NORM/NORS RATES

## SELECT AIRCRAFT

### (CONTINUED)

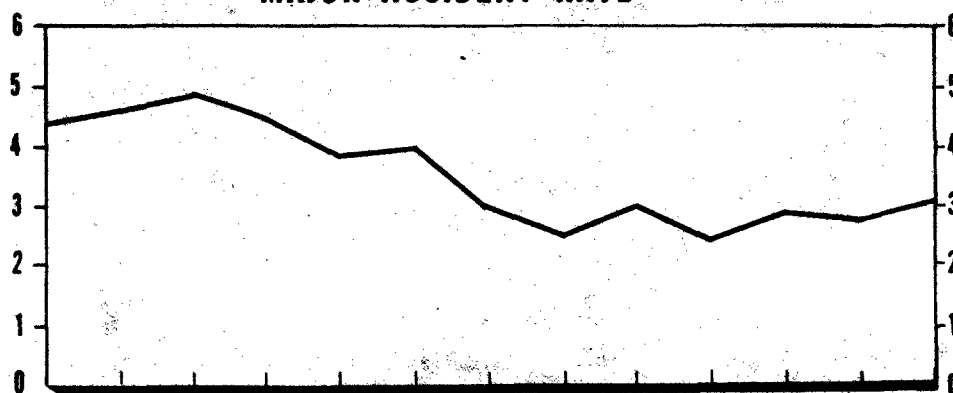
		CALENDAR YEAR 1975												CALENDAR YEAR 1976				
AIRCRAFT		PER CENT	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
F-4D	NORM "G"	%	29.6	30.6	26.8	27.1	25.8	26.5	27.9	28.9	31.9	28.2	24.1	27.0	26.5	29.1	29.7	
	NORM "F"	%	7.6	6.4	6.0	6.8	6.0	5.4	6.5	5.7	7.7	7.5	6.1	5.7	6.2	10.1	11.5	
	NORS "G"	%	5.1	5.6	5.0	4.5	5.1	4.9	5.3	4.9	5.6	5.0	4.0	4.1	4.4	5.2	5.0	
	NORS "F"	%	6.3	8.6	6.9	7.2	7.7	8.9	8.4	7.5	8.0	7.4	6.6	6.6	6.0	5.7	7.2	
F-4E	NORM "G"	%	26.3	24.2	24.9	24.9	23.7	23.8	24.9	23.7	24.1	24.6	21.5	21.9	21.9	19.9	25.8	
	NORM "F"	%	9.2	10.4	10.3	12.0	10.5	11.1	10.5	10.2	9.8	12.8	7.3	8.7	9.1	7.1	10.2	
	NORS "G"	%	5.9	6.3	6.5	5.4	5.0	5.3	5.0	5.0	4.8	5.4	4.5	4.5	4.7	4.1	5.1	
	NORS "F"	%	7.3	10.2	8.8	8.9	7.9	6.3	6.7	8.2	7.6	6.6	6.9	6.7	6.2	5.2	6.2	
F-15	NORM "G"	%	45.3	50.1	62.3	48.4	41.7	29.5	29.3	26.7	24.0	36.0	27.3	35.0	32.5	33.3	30.5	
	NORM "F"	%	2.6	3.3	.4	1.4	1.3	1.5	2.0	1.9	1.6	1.9	2.4	1.8	2.8	2.7	2.8	
	NORS "G"	%	20.7	16.4	11.7	9.8	13.2	14.7	17.4	16.4	18.7	15.3	17.5	14.9	13.7	15.4	14.9	
	NORS "F"	%	8.6	11.0	7.1	1.7	.4	2.2	6.5	3.3	5.0	4.4	6.1	6.8	5.9	5.1	4.5	
F-106	NORM "G"	%	27.7	25.7	26.4	27.4	26.4	30.3	29.0	27.8	27.1	29.8	21.4	23.7	24.5	25.9	26.7	
	NORM "F"	%	3.3	3.5	4.5	4.9	6.3	4.9	6.2	6.7	6.7	4.3	1.8	2.9	1.5	2.8	2.2	
	NORS "G"	%	3.6	5.4	5.7	4.5	3.8	5.7	5.4	4.2	4.9	5.3	3.7	1.9	1.8	4.0	3.8	
	NORS "F"	%	4.4	3.4	2.6	2.4	1.9	2.6	3.2	6.7	5.4	5.1	2.9	4.5	3.5	4.6	5.5	
F-111	NORM "G"	%	33.0	27.9	38.1	33.6	34.9	36.0	38.9	24.7	36.3	43.8	41.6	58.9	57.5	57.3	45.3	
	NORM "F"	%	11.5	10.2	9.6	8.6	4.7	5.5	5.6	7.2	6.2	4.8	3.6	.6	1.3	4.7	4.0	
	NORS "G"	%	11.1	7.3	8.1	7.9	8.3	7.4	6.9	7.9	8.1	9.5	4.5	2.1	5.8	4.6	7.4	
	NORS "F"	%	4.4	4.3	4.9	4.1	3.3	5.3	4.4	4.1	4.6	4.1	1.7	.3	1.9	2.7	2.7	
T-38	NORM "G"	%	21.3	22.0	21.7	21.5	20.5	19.1	18.9	17.5	15.9	15.5	16.1	17.3	18.7	22.7	21.7	
	NORM "F"	%	3.1	3.1	3.3	2.8	2.9	3.1	2.9	3.0	2.1	1.8	2.2	2.6	3.0	2.7	2.5	
	NORS "G"	%	4.0	4.7	5.7	4.7	5.4	5.7	6.2	4.8	4.0	3.8	3.4	4.4	4.4	4.7	5.5	
	NORS "F"	%	4.7	2.5	2.8	2.3	1.9	1.8	2.4	2.9	2.0	1.4	1.7	1.4	1.3	1.9	1.5	
T-39	NORM "G"	%	5.4	25.4	21.4	20.1	21.6	21.8	24.0	24.0	20.8	15.9	14.3	14.6	16.3	21.5	16.2	
	NORM "F"	%	.2	1.0	1.8	1.9	1.5	2.1	3.5	1.6	1.2	1.6	2.0	1.6	1.2	2.1	1.6	
	NORS "G"	%	4.8	4.8	11.3	12.5	10.1	13.3	10.2	9.0	9.8	6.4	9.6	7.9	9.7	10.1	5.8	
	NORS "F"	%	.6	1.4	6.6	11.7	13.6	10.5	10.0	11.3	9.1	8.0	8.2	6.8	6.5	9.9	4.3	
WORLD-	NORM "G"	%	25.1	25.7	25.7	25.4	24.9	25.7	26.2	25.8	25.2	27.2	21.5	22.8	23.4	24.8	25.9	
WIDE	NORM "F"	%	5.1	5.0	4.7	4.8	4.4	5.1	4.9	5.5	5.7	5.4	5.0	5.1	5.2	5.3	5.5	
(All Air- craft)	NORS "G"	%	6.2	6.4	7.0	6.5	6.2	6.3	5.8	5.7	5.3	5.1	4.3	4.3	4.9	4.5	4.9	
	NORS "F"	%	5.2	5.3	5.0	5.0	4.8	5.1	4.8	5.3	4.7	4.1	3.9	3.8	3.2	3.9	4.0	

"F" designates Flyable.  
 "G" designates Grounded.

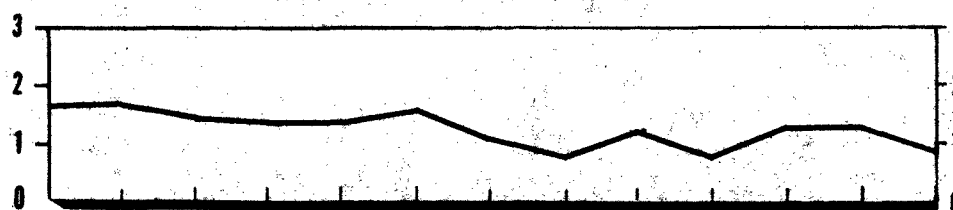


# AIRCRAFT ACCIDENT RATES PER/100,000 FLYING HOURS

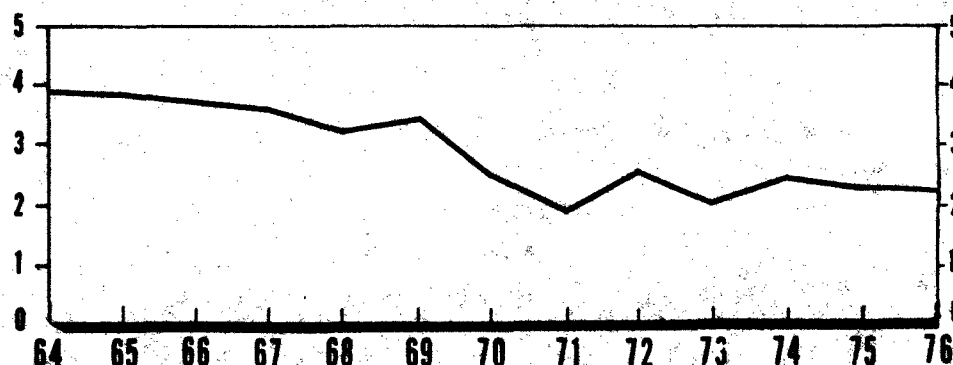
## MAJOR ACCIDENT RATE



## FATAL ACCIDENT RATE



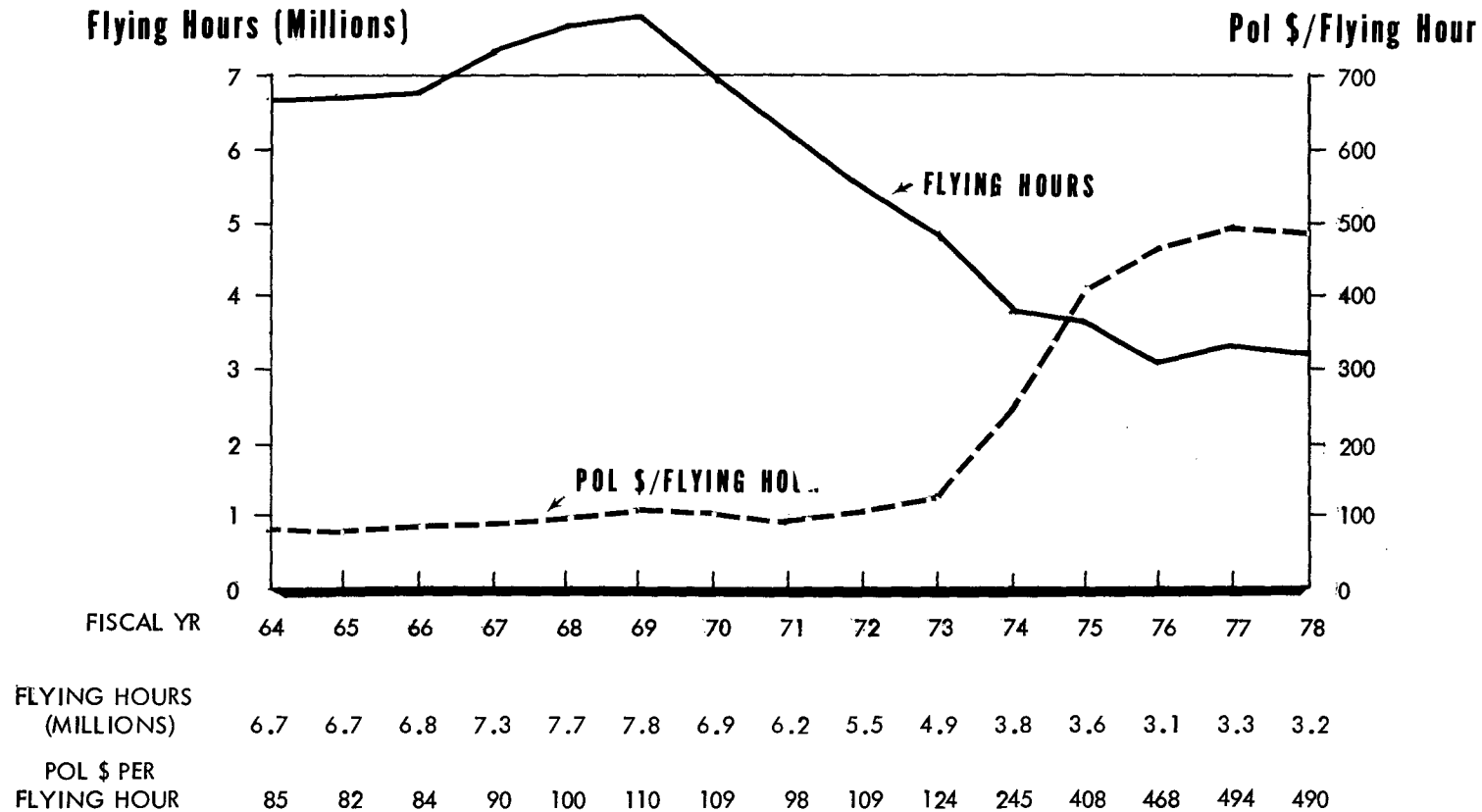
## AIRCRAFT DESTRUCTION RATE



Major Accidents	4.4	4.6	4.9	4.5	3.9	4.0	3.0	2.5	3.0	2.4	2.9	2.8	3.1
Fatal Accidents	1.6	1.7	1.5	1.4	1.4	1.6	1.1	.8	1.2	.8	1.3	1.3	.9
Aircraft Dest.	3.9	3.9	3.7	3.6	3.2	3.4	2.5	1.9	2.6	2.0	2.4	2.3	2.3

# USAF TOTAL FLYING HOURS VS POL \$/FLYING HOUR

## ACTIVE-ANG-RES TOTAL HOURS

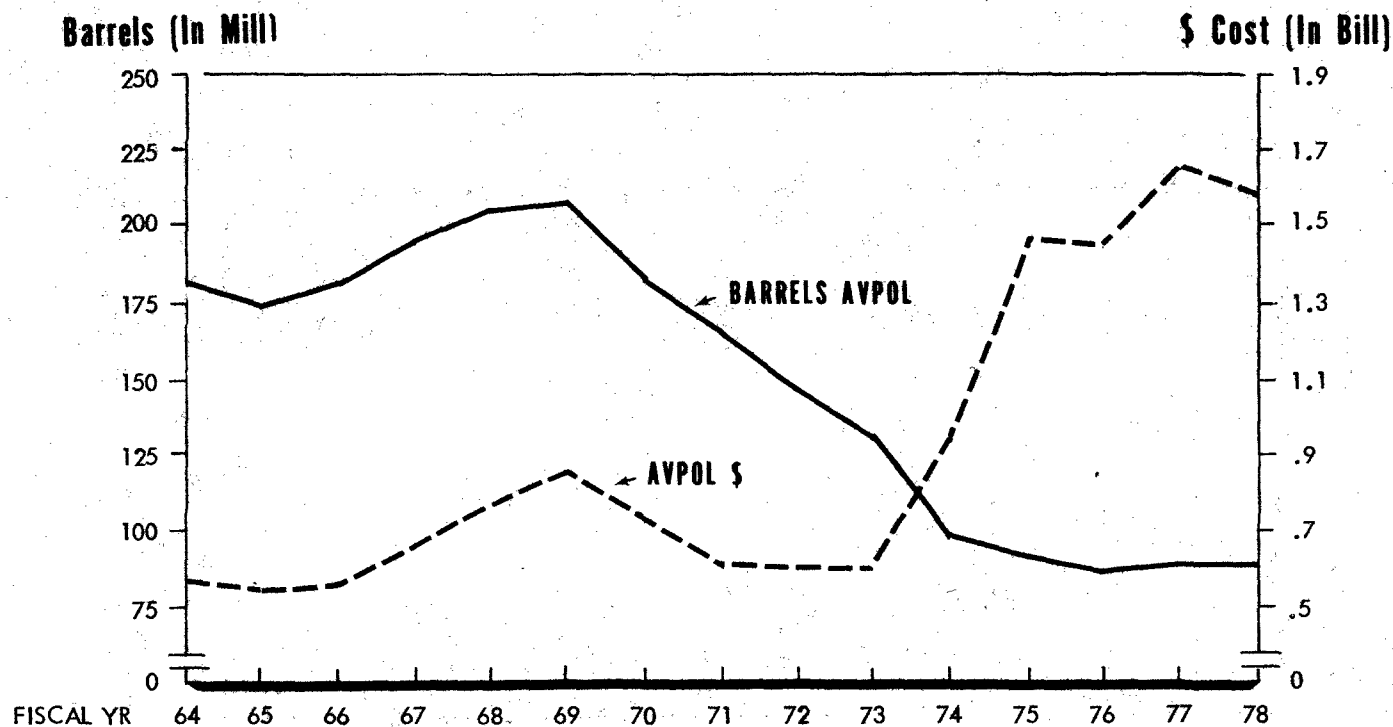


Source: AF/ACB  
AF/LG

FOR 15

# AVIATION POL-ACTIVE-ANG-RES

## (BARRELS CONSUMED VS COST)



POL BARRELS  
(MILLIONS)

181 175 182 195 206 208 184 166 147 131 98 96 87 89 89

POL DOLLARS  
(BILLIONS)

.57 .55 .57 .66 .77 .86 .75 .61 .60 .61 .93 1.47 1.45 1.63 1.57

Source: AF/ACB  
AF/LG

## COST PER FLYING HOUR

### (Planning, Programming & Budgeting Cost Factors)

	Fuel/Bulk Oil	Depot Maintenance	Base Maintenance		Replenishment of Spares	Total Cost Per/Flying Hour of Active Aircraft
			Material	Labor		
A-7D	297	387	180	415	131	1,410
F-111	637	590	327	752	568	2,874
F-4E	673	204	257	773	191	2,098
B-52G	1,734	491	341	1,253	300	4,119
KC-135A	1,046	226	156	651	125	2,204
C-141	877	162	149	331	67	1,586
C-5	1,496	1,236	450	1,004	300	4,486
C-130E	340	117	96	350	75	978
T-37	80	24	16	92	2	214
T-38	173	65	48	145	38	469
HH-53	121	242	70	274	50	757

Source: AFR 173-10, Table 1, Volume I (U),  
Change 5, Jan 1977

#### EXPLANATORY REMARKS

Fuel/Bulk Oil: The average cost per flying hour for Fuel and Bulk Oil; at the stock fund price per gallon.

Depot Maintenance: The cost per flying hour of that portion of Depot Maintenance which is flying hour dependent. Does not include fixed costs of Depot operation or semi-variable costs which are not dependent upon flying hours.

Base Maintenance Material: Average cost per flying hour for aircraft base maintenance supplies. Includes packaged POL.

Base Maintenance Labor: Labor cost per flying hour. Includes Military and Civilian personnel costs.

Replenishment Spares: The dollar requirement for the Budget year based upon programmed flying hours.

These cost components express the operating and support cost per flying hour. Crew pay, depreciation, and other non-variable and indirect costs are not included.

**NOTE FOR INFORMATION:** Components used in calculating appropriate cost estimates may vary depending upon the purpose. For example, AFR 76-11 and AFR 76-28 stipulate components to be included/excluded in Government/non-Government cost-per-flying-hour figures used in reimbursement rates for particular customers. In addition, MAC calculates their own cost when developing user rates for ASIF aircraft due to their unique airlift role.

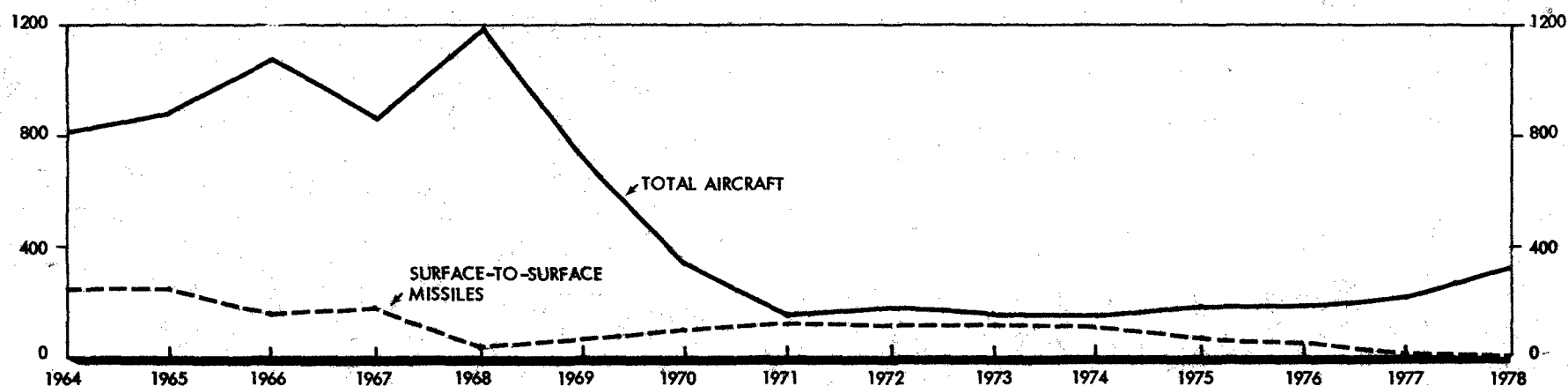
## USAF PROCUREMENT PROGRAMS BY FISCAL YEAR FUNDING

## MISSILES

	FY 1964	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
SURFACE TO SURFACE	250	23	68	100	120	120	120	115	61	50	-	-
AIR TO SURFACE	5,580	3,695	1,335	300	401	2,765	4,080	4,154	5,870	7,120	230	1,275
AIR TO AIR	3,000	1,775	2,553	1,200	-	-	50	75	300	1,330	-	1,880
TOTAL MISSILES	8,830	5,493	3,956	1,600	521	2,885	4,250	4,344	6,231	8,500	230	3,155

## AIRCRAFT

BOMBER	-	24	42	-	-	-	-	-	-	-	-	3	5
ATTACK/FIGHTER	327	451	383	230	124	145	114	122	187	161	44	208	327
RECON/ELECTRONIC	98	64	36	-	12	12	-	-	6	4	-	6	3
CARGO/TRANSPORT	123	40	49	41	9	13	37	42	-	16	-	-	-
TANKER	13	-	-	-	-	-	-	-	-	-	-	-	-
RESCUE (FIXED WING)	15	-	15	-	-	-	-	-	-	-	-	-	-
TRAINER	202	272	30	38	4	7	8	-	-	-	-	-	-
UTILITY	-	-	-	-	-	-	-	-	-	-	-	2	-
OBSERVATION	-	301	69	-	-	-	-	-	-	-	-	-	-
HELICOPTER	43	38	103	38	-	-	6	-	-	-	-	4	-
TOTAL AIRCRAFT	821	1,190	727	347	149	177	165	164	193	181	44	223	335



AF/ACMC/70765

# MAJOR WEAPONS ACQUISITION CURRENT ESTIMATES

THEN YEAR \$	TOTAL PROG	UNIT			NO. ACFT	
		PROG	PROC	FLYAWAY	PROC	R&D
A-10	4.5B	6.1M	5.6M	4.8M	733	10 (4 Proto)
B-1	22.8	93.6	77.7	68.4	240	4
E-3A	3.7	108.7	71.9	56.1	31	3
E-4 <sup>1</sup>	.7	119.1	67.2	62.2	5	1
F-15	12.6	16.8	14.4	12.4	729	20
F-16	13.8	9.9	9.3	7.5	1388	8
<b>CONSTANT 77\$</b>					<b>BASE YEAR FLYAWAY</b>	
A-10	3.9B	5.3M	4.7M	4.0M	2.1M (FY 70) <sup>2</sup>	
B-1	19.3	79.2	59.5	52.3	30.0 (FY 70)	
E-3A	3.8	112.4	67.0	51.7	31.0 (FY 70)	
E-4	.7	116.4	61.4	57.0	44.6 (FY 74)	
F-15	12.1	16.2	13.1	11.2	6.7 (FY 70)	
F-16	10.2	7.3	6.7	5.3	4.4 (FY 75) <sup>3</sup>	

<sup>1</sup>E-4 — does not include Interim NEACP retrofit/mod of \$184.4M TY \$ and continuing funds for development & study of future block efforts.

<sup>2</sup>A-10 Flyaway is \$2.2 at 600 A/C.

<sup>3</sup>F-16 Flyaway is \$5.0 at 650 A/C.

**Constant Dollars** — The purchasing power of a dollar of any specific year, past, present, or future.

**Base Year Dollars** — Constant dollars of a specified program base year, normally the year of the Development Estimate.

**Current or Then Year Dollars** — Appropriated dollars; reflect the price levels at the time expenditures are actually made; includes estimated inflation for out-years.

**Flyaway Cost:** Airframe, Propulsion Equipment, Electronics, Armament, Other Installed Government—Furnished Equipment, Nonrecurring Costs, Allowance for Engineering Change Orders

**Weapon System Cost:** Flyaway Cost plus: Pec. Ground Support Equip, Pec. Trng Equip, Pubs, Tech Data, Contractor Tech Services, Installation and Checkout, Factory Training, Force Mod (Air Force Minuteman Only)

**Procurement Cost (shown in SAR):** Weapon System Cost plus: Initial Spares

**Program Acquisition Cost (shown in SAR):** Procurement Cost plus: RDT&E, MILCON

Source: 31 Dec 76 SAR  
Section 241, DOD Budget Guidance  
Manual, 8 Aug 75.



## ECONOMIC ESCALATION INDICES (ANNUALIZED RATES IN PARENTHESIS)

FY	GNP Deflator* (% Δ)	CPI (% Δ)	WPI (% Δ)	OSD Procurement	OSD Mil Pers	OSD O & M
<b>HISTORICAL</b>						
66	50.4	49.9	47.6	51.7	40.2	50.7
67	52.0 (3.2)	51.3 (2.8)	48.4 (1.7)	53.6 (3.7)	42.5 (5.7)	52.5 (3.5)
68	53.9 (3.6)	53.1 (4.2)	49.0 (1.2)	55.4 (3.3)	44.9 (5.6)	54.7 (4.2)
69	56.4 (4.6)	55.7 (4.8)	50.6 (3.3)	57.2 (3.2)	47.9 (6.7)	56.4 (3.1)
70	59.4 (5.3)	58.8 (5.6)	52.5 (3.7)	59.4 (3.8)	53.8 (12.3)	58.3 (3.4)
71	62.5 (5.2)	61.8 (5.1)	54.3 (3.4)	62.1 (4.5)	57.9 (7.6)	60.9 (4.4)
72	65.4 (4.6)	64.1 (3.8)	56.5 (4.1)	64.5 (3.9)	65.3 (12.8)	63.3 (3.9)
73	68.6 (4.9)	67.2 (4.8)	61.5 (8.8)	67.2 (4.2)	73.1 (11.9)	65.9 (4.1)
74	74.1 (8.0)	73.0 (8.7)	71.4 (16.1)	71.6 (6.5)	79.3 (8.5)	69.8 (5.9)
75	81.2 (9.6)	80.3 (10.0)	81.2 (13.7)	81.9 (14.4)	84.8 (6.9)	80.3 (15.0)
76	87.1 (7.3)	86.3 (7.4)	86.7 (6.8)	88.0 (7.4)	89.3 (5.3)	86.3 (7.5)
77	89.7 (12.5)	89.3 (15.2)	89.0 (10.8)	90.9 (13.9)	90.6 (5.9)	89.1 (13.4)
<b>PREDICTED **</b>						
77	95.0 (5.9)	95.1 (6.5)	95.0 (6.7)	94.3 (3.7)	94.4 (4.2)	93.4 (4.8)
78	100.0 (5.3)	100.0 (5.1)	100.0 (5.2)	100.0 (6.0)	100.0 (5.9)	100.0 (7.1)
79	105.1 (5.1)	104.9 (4.9)	105.1 (5.1)	105.4 (5.4)	105.8 (5.8)	105.2 (5.2)
80	110.1 (4.8)	109.9 (4.8)	110.0 (4.7)	110.2 (4.5)	111.8 (5.7)	109.7 (4.3)
81	115.3 (4.7)	115.1 (4.7)	114.8 (4.4)	114.5 (3.9)	117.9 (5.4)	113.9 (3.8)
82	120.7 (4.7)	120.4 (4.6)	119.7 (4.2)	119.1 (4.0)	-	118.3 (3.9)
83	126.1 (4.5)	125.8 (4.5)	124.5 (4.1)	123.9 (4.0)	-	122.8 (3.8)
84	131.4 (4.2)	131.3 (4.3)	129.2 (3.8)	128.9 (4.0)	-	127.5 (3.8)
85	136.8 (4.1)	136.7 (4.1)	133.9 (3.6)	134.0 (4.0)	-	-
86	142.2 (4.0)	142.3 (4.1)	138.5 (3.5)	139.4 (4.0)	-	-

Indices are FY Average.

\*Department of Commerce, Bureau of Economic Analysis.

\*\*GNP Deflator, CPI and WPI based on Data Resources, Inc. (22 Mar 77), TRENDLONG 1276; OSD Predictions from OSD(C) (11 Jan 77).



# IMPLICIT PRICE DEFLATOR FOR GROSS NATIONAL PRODUCT COMPOUNDED ANNUAL RATES OF CHANGE

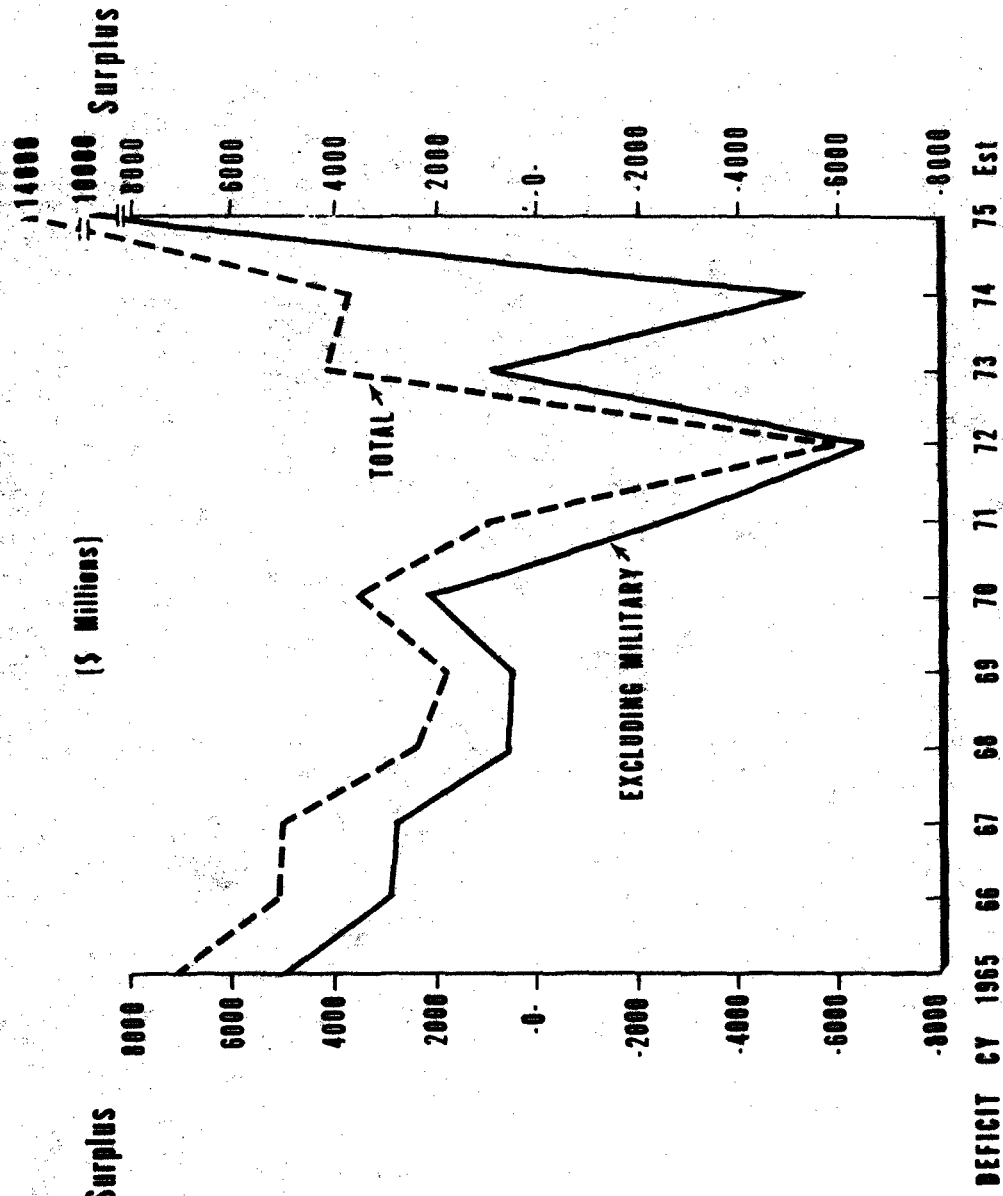
TERMINAL YEAR	INITIAL YEAR																				1972 = 100
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	
1957	3.4																				65.02
1958	2.5	1.6																			66.06
1959	2.4	1.9	2.2																		67.52
1960	2.2	1.8	2.0	1.7																	68.67
1961	2.0	1.6	1.6	1.3	0.9																69.28
1962	1.9	1.6	1.7	1.5	1.4	1.8															70.55
1963	1.9	1.6	1.6	1.5	1.4	1.7	1.5														71.59
1964	1.8	1.6	1.6	1.5	1.4	1.6	1.5	1.6													72.71
1965	1.9	1.7	1.7	1.6	1.6	1.8	1.8	1.9	2.2												74.32
1966	2.0	1.9	1.9	1.8	1.9	2.1	2.1	2.4	2.7	3.3											76.76
1967	2.1	2.0	2.0	2.0	2.0	2.2	2.3	2.5	2.8	3.1	2.9										79.02
1968	2.3	2.2	2.3	2.3	2.3	2.5	2.7	2.9	3.2	3.6	3.7	4.5									82.57
1969	2.5	2.4	2.5	2.5	2.6	2.8	3.0	3.2	3.6	3.9	4.2	4.8	5.0								86.72
1970	2.7	2.7	2.7	2.8	2.9	3.1	3.3	3.5	3.9	4.2	4.4	5.0	5.2	5.4							91.36
1971	2.9	2.8	2.9	3.0	3.1	3.3	3.5	3.7	4.1	4.4	4.6	5.0	5.2	5.2	5.1						96.02
1972	2.9	2.9	3.0	3.1	3.2	3.4	3.6	3.8	4.1	4.3	4.5	4.8	4.9	4.9	4.6	4.1					100.00
1973	3.1	3.1	3.2	3.3	3.4	3.6	3.8	4.0	4.3	4.5	4.7	5.0	5.1	5.1	5.0	5.0	5.8				105.92
1974	3.5	3.5	3.6	3.7	3.8	4.1	4.3	4.5	4.8	5.1	5.3	5.7	5.9	6.1	6.2	6.6	7.9	10.0			116.20
1975	3.8	3.8	3.9	4.0	4.2	4.4	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.3	8.4	9.7	9.3		126.37
1976	3.8	3.9	4.0	4.1	4.3	4.5	4.7	4.9	5.2	5.5	5.7	6.0	6.2	6.4	6.6	6.9	7.5	8.1	7.2	5.1	133.07
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	

INITIAL YEAR

NOTE: To find the annual rate of change (percent) from 1958 to 1959, follow the 1958 column down to where it intersects the 1959 row: 2.2%. To find the average annual rate of change from 1958 to 1962, follow the 1958 column down to the 1962 row: 1.7% per year.

AF/ACM/54849

## U.S. BALANCE OF INTERNATIONAL PAYMENTS



Source: U.S. Dept of Commerce,  
Bureau of Economic Analysis

ECON

# ESTIMATED GROSS NATIONAL PRODUCT AT MARKET PRICES<sup>1</sup>

Billions 1975 US \$

	1960	1965	1970	1971	1972	1973	1974	1975
World	3,140	4,030	5,180	5,390	5,660	6,030	6,120	6,130
Developed Countries	2,140	2,730	3,490	3,620	3,810	4,050	4,050	3,990
United States	931.1	1,170.1	1,358.8	1,399.6	1,480.0	1,558.5	1,530.1	1,498.9
Australia	40.9	52.2	69.6	73.2	75.4	80.3	81.1	81.9
Canada	73.7	97.7	123.2	130.5	138.1	147.7	151.9	152.2
Japan	135.5	218.1	377.0	404.5	438.9	483.7	475.0	484.5
Sweden	38.3	48.9	59.2	59.6	61.2	63.3	66.0	66.0
Switzerland	32.8	42.5	50.5	52.4	55.5	57.4	56.9	54.6
European Community	761	963	1,210	1,250	1,300	1,370	1,390	1,360
Belgium	32.8	42.1	53.3	55.5	58.6	62.3	64.7	63.1
France	165.6	220.0	284.5	299.9	317.0	334.7	347.7	340.4
Italy	90.0	116.4	155.1	157.5	162.4	172.6	178.5	172.6
Netherlands	41.8	53.4	70.5	73.6	76.4	79.7	81.9	80.6
United Kingdom	175.7	189.8	212.0	217.3	222.9	235.2	236.8	233.5
West Germany <sup>2</sup>	240.1	307.7	388.9	400.1	413.7	434.8	437.4	421.7
Less Developed Countries	295	384	515	544	578	621	646	665
Communist Countries	709	917	1,180	1,230	1,270	1,360	1,420	1,470
USSR and Eastern Europe	579	754	958	997	1,020	1,090	1,150	1,180
USSR	422.4	563.0	719.2	745.2	758.4	812.3	846.7	865.3
Eastern Europe	157	191	239	252	266	282	301	319
Bulgaria	8.5	11.6	16.4	17.5	18.6	20.1	21.4	23.1
Czechoslovakia	35.0	37.6	45.7	47.6	49.4	51.5	53.9	56.6
East Germany	38.6	45.2	55.5	57.8	60.6	63.4	66.8	70.2
Hungary	15.3	18.9	22.7	23.5	24.2	25.4	26.8	27.8
Poland	40.6	52.4	64.8	68.2	73.1	78.7	84.4	89.9
Romania	19.0	25.2	33.8	36.9	40.0	43.3	47.5	51.4
Far East								
China	128.8	163.2	219.4	235.5	246.2	272.2	282.9	299.4

<sup>1</sup> Data for the non-Communist countries were converted from national currencies by using average 1975 Par Rate/Market Rate factors.

Data for Communist countries were converted at US purchasing power equivalents.

<sup>2</sup> Including data for West Berlin.

Source: CIA - Handbook of Economic Statistics, 1976.

# DEFENSE EXPENDITURES AS A SHARE OF GNP

Percent

	<u>1965</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>
OECD <sup>1</sup>						
Australia	4.4	3.8	3.5	3.4	3.0	2.7
Austria	1.2	1.1	1.0	1.0	0.9	0.9
Belgium	3.1	2.9	2.8	2.8	2.7	2.8
Canada	3.0	2.4	2.3	2.2	2.0	2.0
Denmark	2.8	2.4	2.5	2.4	2.1	2.4
Finland	1.7	1.4	1.5	1.6	1.5	1.3
France	5.2	4.1	3.9	3.9	3.7	3.6
Greece	3.5	4.8	4.8	4.6	4.1	4.0
Ireland	1.4	1.1	1.2	1.2	1.3	1.4
Italy	3.3	2.7	2.9	3.1	3.0	2.9
Japan	1.0	0.8	0.9	0.9	0.9	0.8
Luxembourg	1.4	0.8	0.8	0.9	0.8	0.9
Netherlands	4.0	3.4	3.4	3.4	3.4	3.4
New Zealand	2.1	2.0	1.9	1.8	1.6	1.8
Norway	3.8	3.5	3.4	3.4	3.2	3.1
Portugal	6.0	7.0	7.4	6.9	6.0	7.2
Spain	2.7	3.5	3.5	3.4	3.1	3.2
Sweden	3.9	3.5	3.5	3.6	3.4	3.1
Switzerland	2.6	2.3	2.2	2.1	2.0	1.9
Turkey	5.0	4.2	4.4	4.2	4.0	3.7
United Kingdom	5.9	4.8	5.0	5.2	4.9	5.2
United States <sup>2</sup>	8.5	8.5	7.4	6.7	5.9	5.5
West Germany <sup>3</sup>	4.3	3.3	3.3	3.4	3.4	3.6

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency. Based on the ratio of military expenditures to gross national product (GNP) at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces including expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1974 prices.

<sup>3</sup> Including data for West Berlin.

## ECONOMIC PROFILE: US-USSR, 1975

	<u>UNITED STATES</u>	<u>U S S R</u>
Aggregative data		
Population		
Million persons at midyear	213.6	254.5
Percent change from 1974	0.8	1.0
Gross national product		
Billion 1975 U S \$ <sup>1</sup>	1,498.9	865.3
Percent change from 1974	-2.0	2.2 <sup>2</sup>
Per capita (1975 U S \$)	7,020	3,400
Industrial production (1970 = 100)	107	134
Industry		
Primary energy (million metric tons of coal equivalents) <sup>3</sup>	2,267.2	1,593.2
Electric power (billion kilowatt-hours)	2,121.6	1,038.0
Crude steel (million metric tons)	105.9	141.2
Cement (million metric tons)	63.1	122.0
Trade and international reserves		
Exports <sup>4</sup> (million U S \$)	107,191 <sup>5</sup>	33,286
Imports <sup>6</sup> (million U S \$)	103,414	36,942
Trade balance (million U S \$)	3,777	-3,656
International reserves (million US \$)	15,880	2,675
Indicators of living standards		
Grain production (kilograms per capita)	1,160	550
Meat production (kilograms per capita)	78	60
Television receivers in use (units per thousand persons) <sup>7</sup>	571	208
Radio receivers in use (units per thousand persons) <sup>7</sup>	1,897	226
Consumer price index (1970 = 100)	139	100
Telephones in use (units per thousand persons)	679 <sup>8</sup>	71 <sup>7</sup>

<sup>1</sup> Data for the USSR were converted at U S purchasing power equivalents.

<sup>2</sup> Data are at factor costs.

<sup>3</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>4</sup> Data are f.o.b.

<sup>5</sup> Excluding Department of Defense shipments.

<sup>6</sup> Unless otherwise indicated, data are c.i.f.

<sup>7</sup> Data are for 1974.

<sup>8</sup> Data are as of the beginning of the year.

Source: CIA - Handbook of Economic Statistics, 1976.

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## UNITED STATES: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1960	1965	1970	1971	1972	1973	1974	1975
<b>Aggregative data</b>									
Gross national product	Billion 1975 US \$	931.1	1,170.1	1,358.8	1,399.6	1,480.0	1,558.5	1,530.1	1,498.9
Index of industrial production	1970 = 100	62	84	100	100	108	118	117	107
Total population (midyear)	Million	180.7	194.3	204.9	207.1	208.8	210.4	211.9	213.6
Labor force <sup>2</sup>	Million	72.1	77.2	85.9	86.9	89.0	91.0	93.2	94.8
<b>Fuels and Power</b>									
Primary energy (coal equivalents) <sup>3</sup>	Billion mt	1.6	1.9	2.3	2.3	2.3	2.3	2.3	2.3
Electric power (gross)	Trillion kwh	0.9	1.2	1.7	1.8	2.0	2.1	2.1	2.1
Crude oil	Million b/d	7.1	7.8	9.6	9.6	9.5	9.2	8.8	8.4
<b>Metals</b>									
Crude Steel <sup>4</sup>	Million mt	90.1	119.0	119.1	109.3	120.9	136.8	132.2	105.9
Rolled steel	Million mt	69.4	90.1	82.4	79.0	83.3	101.1	99.3	72.5
Refined copper	Million mt	1.6	2.0	2.0	1.8	2.0	2.1	1.9	1.6
Primary aluminum	Million mt	1.8	2.5	3.6	3.6	3.7	4.1	4.4	3.5
<b>Agriculture</b>									
Grain <sup>5</sup>	Million mt	181.3	183.5	186.7	237.6	228.0	237.2	204.4	247.8
Meat <sup>6</sup>	Million mt	12.8	14.3	16.3	17.1	16.7	15.8	17.0	16.6
<b>Manufactured items</b>									
Sulfuric acid (100%)	Million mt	16.2	22.5	26.8	26.7	28.3	28.6	30.0	27.7
Mineral fertilizer (nutrients) <sup>7</sup>	Million mt	7.4	11.9	15.8	15.9	16.7	17.8	16.7	NA
Cotton fabrics	Billion lm	8.6	8.4	5.7	5.6	5.2	5.0	4.6	4.0
Rayon and acetate fabrics	Billion lm	1.3	1.8	1.4	1.1	1.4	1.3	0.9	0.6
Metalcutting machine tools	Thousand	42.9	68.0	49.3	32.4	41.8	57.9	72.2	78.0
Cement	Million mt	56.1	65.1	67.4	71.0	74.9	77.6	73.4	63.0
Passenger automobiles <sup>8</sup>	Million	6.7	9.3	6.5	8.6	8.8	9.7	7.3	6.7
Radio receivers	Million	24.5	41.7	44.4	47.6	55.3	50.2	44.0	34.5
Television receivers	Million	5.8	11.0	9.5	11.2	13.5	17.4	15.3	10.6
<b>Trade</b>									
Imports (c.i.f.)	Billion US \$	16.4	23.2	42.4	48.3	58.9	73.6	108.0	103.4
Exports (f.o.b.) <sup>9</sup>	Billion US \$	19.7	26.7	42.7	43.5	49.2	70.8	97.9	107.2

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; barrels per day, b/d; and linear meters, lm.

<sup>2</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.

<sup>3</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>4</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>5</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain and wheat.

<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.

<sup>7</sup> Data are for "fertilizer years" beginning 1 July.

<sup>8</sup> Factory sales.

<sup>9</sup> Excluding Department of Defense shipments.

Source: CIA - Handbook of Economic Statistics, 1976.

## USSR: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1960	1965	1970	1971	1972	1973	1974	1975
<b>Aggregative data</b>									
Gross national product <sup>2</sup>	Billion 1975 US \$	422.4	563.0	719.2	745.2	758.4	812.3	846.7	865.3
Index of industrial production	1970 = 100	51	72	100	106	112	119	126	134
Total population (midyear)	Million	214.3	230.9	242.8	245.1	247.5	249.7	252.1	254.5
Labor Force <sup>3</sup>	Million	110.1	116.5	125.6	127.7	129.8	131.8	133.9	136.1
<b>Fuels and power</b>									
Primary energy (coal equivalents) <sup>4</sup>	Billion mt	0.7	0.9	1.2	1.3	1.3	1.4	1.5	1.6
Electric power (gross)	Billion kwh	292.3	506.7	740.9	800.4	857.4	914.6	975.8	1,038.0
Hard coal	Million mt	355.9	397.6	432.7	441.4	451.1	461.2	473.4	485.0
Crude oil	Million b/d	2.9	4.8	7.0	7.4	7.9	8.4	9.0	9.6
Natural gas <sup>5</sup>	Billion cm	45.3	127.7	197.9	212.4	221.4	236.3	260.6	289.3
<b>Minerals and metals</b>									
Crude steel	Million mt	65.3	91.0	115.9	120.7	125.6	131.5	136.2	141.2
Rolled steel	Million mt	51.0	70.9	92.5	95.9	99.5	104.2	108.9	115.0
Pig iron	Million mt	46.8	66.2	85.9	89.3	92.3	95.9	99.9	103.0
Iron ore	Million mt	105.9	153.4	195.5	203.0	208.1	216.1	224.8	233.0
Refined copper	Million mt	0.5	0.7	1.0	1.1	1.2	1.2	1.2	1.3
Primary aluminum	Million mt	0.6	1.0	1.7	1.8	2.0	2.1	2.3	2.4
Lead	Thousand mt	320.0	380.0	480.0	500.0	510.0	520.0	540.0	560.0
<b>Agriculture</b>									
Grain <sup>6</sup>	Million mt	125.5	121.1	186.8	181.2	168.2	222.5	195.7	139.9
Meat <sup>7</sup>	Million mt	8.7	10.0	12.3	13.3	13.6	13.5	14.6	15.2
Milk	Million mt	61.7	72.6	83.0	83.2	83.2	88.3	91.8	90.8
Fish catch	Million mt	3.5	5.8	7.8	7.8	8.2	9.0	9.6	10.3
Cattle (beginning of year)	Million	74.2	87.2	95.2	99.2	102.4	104.0	106.3	109.1
<b>Manufactured items</b>									
Sulfuric acid (100%)	Million mt	5.4	8.5	12.1	12.8	13.7	14.9	16.6	18.6
Mineral fertilizer (nutrients)	Million mt	3.3	7.4	13.1	14.7	15.9	17.4	19.4	22.0
Metalcutting machine tools	Thousand	155.9	186.1	202.2	207.2	211.4	213.8	225.6	232.0
Cement	Million mt	45.5	72.4	95.2	100.3	104.3	109.5	115.1	122.0
Tractors	Thousand	238.5	354.5	458.5	472.0	477.8	499.6	531.1	550.4
Passenger automobiles	Thousand	139	201	344	529	730	917	1,119	1,201
<b>Transportation and trade</b>									
Railroad freight traffic	Trillion mtkm	1.5	2.0	2.5	2.6	2.8	3.0	3.1	3.2
Motor vehicle freight traffic	Billion mtkm	98.5	143.1	220.8	240.4	258.1	283.8	312.5	338.0
Imports (f.o.b.)	Billion US \$	5.6	8.1	11.7	12.5	16.1	21.0	24.9	36.9
Exports (f.o.b.)	Billion US \$	5.6	8.2	12.8	13.8	15.4	21.3	27.4	33.3

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; barrels per day, b/d; cubic meters, cm; and metric ton-kilometers, mtkm.

<sup>2</sup> Converted at US purchasing power equivalents.

<sup>3</sup> Data include the armed forces and the unemployed but exclude militarized security forces.

<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>5</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

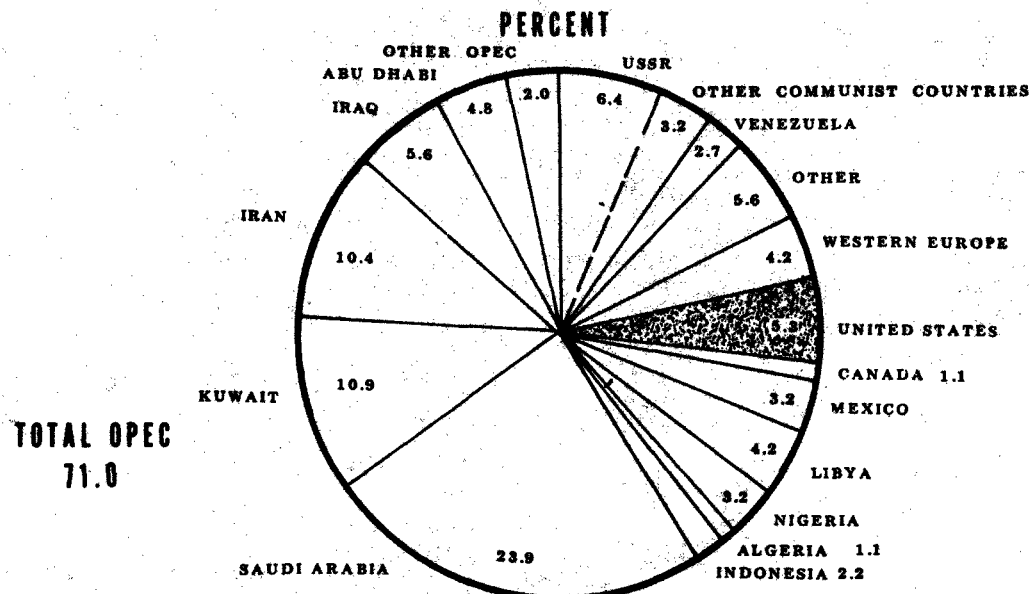
<sup>6</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.

<sup>7</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and lard.

Source: CIA - Handbook of Economic Statistics, 1976.

# WORLD OIL, 1975

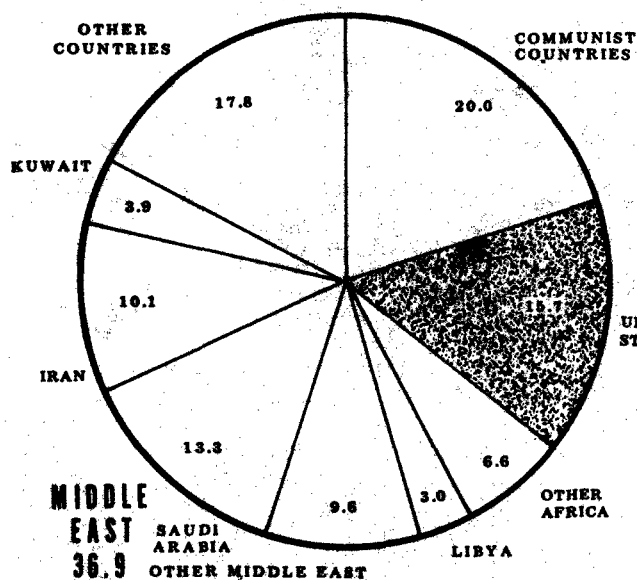
## PROVED OIL RESERVES



**TOTAL: 624 BILLION BARRELS**

## PRODUCTION<sup>1</sup>

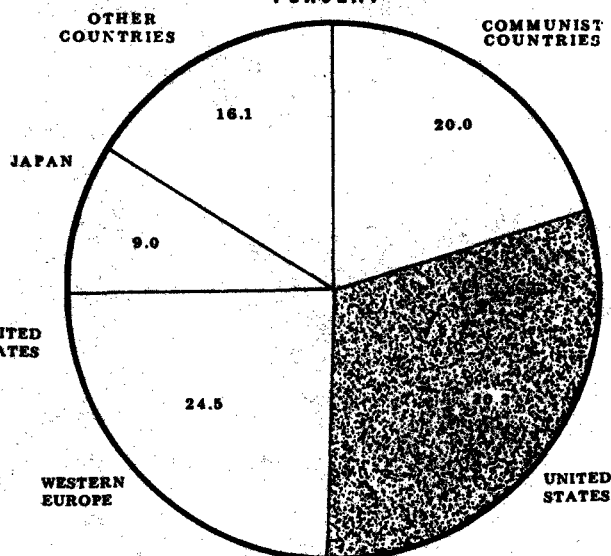
### PERCENT



**TOTAL: 53.4 MILLION B/D**

## CONSUMPTION

### PERCENT



**TOTAL: 53.4 MILLION B/D**

1. Excluding natural gas liquids.

SOURCE: CIA — HANDBOOK OF ECONOMIC STATISTICS, 1976



## PRODUCTION OF CRUDE OIL

	Thousand Barrels per Day							
	1960	1965	1970	1971	1972	1973	1974	1975
OECD <sup>2</sup>	7,860	9,010	11,500	11,700	11,800	11,800	11,200	10,392
United States	7,055	7,804	9,648	9,635	9,512	9,210	8,770	8,370
Canada	526	793	1,305	1,382	1,542	1,800	1,695	1,460
European Community	221	309	264	243	228	205	198	204
Other Countries								
Abu Dhabi	-	282	691	926	1,050	1,310	1,410	1,400
Algeria	183	554	976	656	1,022	1,070	960	930
Gabon	16	25	104	115	118	150	200	220
Indonesia	411	501	855	904	1,056	1,340	1,375	1,313
Iran	1,068	1,895	3,831	4,531	5,021	5,860	6,020	5,356
Iraq	1,004	1,311	1,563	1,720	1,446	2,015	1,985	2,250
Kuwait <sup>3</sup>	1,696	2,362	2,983	3,196	3,279	3,020	2,515	2,100
Libya	-	1,238	3,321	2,762	2,215	2,175	1,520	1,520
Mexico	271	328	420	434	444	465	580	720
Nigeria	17	263	1,090	1,526	1,818	2,055	2,255	1,790
Qatar	175	227	367	429	484	570	520	440
Saudi Arabia <sup>3</sup>	1,315	2,204	3,798	4,768	6,013	7,600	8,480	7,080
Venezuela	2,846	3,472	3,703	3,541	3,219	3,365	2,975	2,350
Communist Countries								
USSR and Eastern Europe	3,210	5,140	7,300	7,770	8,210	8,770	9,360	9,980
USSR	2,943	4,835	6,976	7,436	7,875	8,428	9,012	9,628
Eastern Europe	265	303	326	333	339	341	347	349
Bulgaria	4	5	7	6	5	4	3	3
Czechoslovakia	3	4	4	4	4	3	3	3
Hungary	24	36	39	39	40	40	40	40
Poland	4	7	8	8	7	8	11	11
Romania	230	251	266	276	283	286	290	292
Far East								
China <sup>2,4</sup>	102	219	564	734	861	1,096	1,315	1,578
Other								
Albania	15	16	30	33	38	40	45	47
Cuba	1	1	3	2	2	3	2	2
Yugoslavia	19	41	57	59	64	67	69	73

<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>2</sup> Including shale oil.

<sup>3</sup> Including about one-half of Neutral Zone production, which amounted to about 400,000 barrels per day in June 1976.

<sup>4</sup> Including small quantities of synthetic crude oil.

## CRUDE OIL REFINING CAPACITY

1 JANUARY 1976

1 JANUARY 1976

Thousand Barrels per Day

OECD	45,139.3	Other Countries		Communist Countries	
United States	15,074.8	Argentina	723.0	USSR and Eastern Europe	9,960.0
Australia	753.1	Bahamas	500.0	USSR	8,000.0
Canada	2,076.1	Brazil	1,015.8	Eastern Europe	1,960.0
Japan	5,813.4	India	570.2	Bulgaria	260.0
Spain	1,322.0	Iran	800.0	Czechoslovakia	350.0
European Community	17,626.9	Kuwait	704.0	East Germany	370.0
Belgium	1,154.0	Mexico	760.0	Hungary	240.0
France	3,490.5	Netherlands Antilles	849.0	Poland	260.0
Italy	4,465.4	Saudi Arabia	625.0	Romania	480.0
Netherlands	2,011.5	Singapore	1,026.0	Far East	
United Kingdom	3,048.0	Trinidad and Tobago	461.0	China	1,460.0
West Germany	3,171.0	Venezuela	1,509.0	North Korea	20.0
		Virgin Islands	728.0	Other	
				Albania	60.0
				Cuba	125.0
				Yugoslavia	280.0

Source: CIA - Handbook of Economic Statistics, 1976.

AF/ACMI/79406

# PROVED RESERVES OF CRUDE OIL, NATURAL GAS, AND COAL, YEAR-END 1975<sup>1</sup>

	Crude Oil	Natural Gas	Coal <sup>2</sup>
	Million Barrels	Billion Cubic Meters	Million Metric Tons
OECD			
United States	40,000	6,800	363,560
Canada	9,000	2,000	9,034
Norway	7,000	700	2
European Community			
United Kingdom	19,000	1,300	98,880 <sup>3</sup>
Other Countries			
Abu Dhabi	30,000	5,660	--
Algeria	7,000	3,600	20
Congo	2,000	30	--
Ecuador	2,000	200	--
Egypt	5,000	100	--
India	1,000	100	23,160
Indonesia	15,000	500	2,123
Iran	64,000	20,300	385
Iraq	35,000	1,000	--
Kuwait	71,000	1,000	--
Libya	26,000	800	--
Mexico	20,000	900	5,316 <sup>3</sup>
Nigeria	20,000	1,400	449
Oman	6,000	100	--
Qatar	6,000	230	--
Saudi Arabia	170,000	3,000	--
South Africa	--	--	24,220 <sup>4</sup>
Syria	2,000	100 <sup>4</sup>	--
Venezuela	14,000	1,220	14
Communist Countries			
USSR and Eastern Europe			
USSR	36,000	22,400 <sup>5</sup>	273,200 <sup>6</sup>
Eastern Europe			
Bulgaria	35	25 <sup>5</sup>	4,390 <sup>7</sup>
Czechoslovakia	15	15 <sup>5</sup>	13,770 <sup>8</sup>
East Germany	5	100 <sup>5</sup>	30,200 <sup>9</sup>
Hungary	140	100 <sup>5</sup>	3,350 <sup>8</sup>
Poland	35	130 <sup>5</sup>	38,870 <sup>10</sup>
Romania	1,200	250 <sup>5</sup>	3,970 <sup>8</sup>
Far East			
China	14,000	N/A	80,000
Other			
Albania	140	N/A	N/A
Yugoslavia	350	50	17,980 <sup>6</sup>

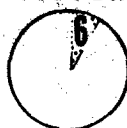
<sup>1</sup> Unless otherwise indicated.<sup>2</sup> The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology. Data for the non-Communist countries exclude brown coal and lignite. Data for the Communist countries include brown coal and lignite.<sup>3</sup> Data are for 1973.<sup>4</sup> Data are for 1969.<sup>5</sup> Proved and probable reserves.<sup>6</sup> Data are for 1971.<sup>7</sup> Data are for 1972.<sup>8</sup> Data are for 1966.<sup>9</sup> Data are for 1956.<sup>10</sup> Data are for 1967.

Source: CIA - Handbook of Economic Statistics, 1976.

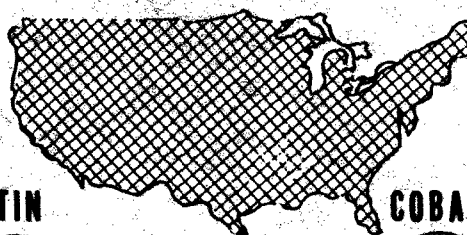
# MINERALS

## IMPORTS AS A SHARE OF CONSUMPTION, 1974 UNITED STATES

**COPPER**



**BAUXITE**



PERCENT

**ZINC**



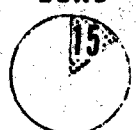
**CHROMIUM**



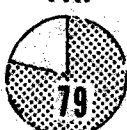
**NICKEL**



**LEAD**



**TIN**



**COBALT**



**IRON**



**MANGANESE**



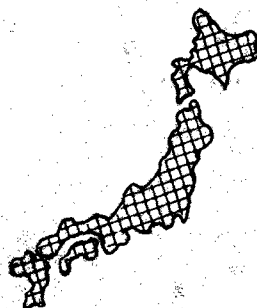
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**BAUXITE**

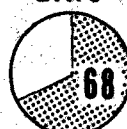


## JAPAN



PERCENT

**ZINC**



**CHROMIUM**



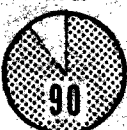
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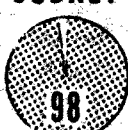
**LEAD**



**TIN**



**COBALT**



**IRON**



**MANGANESE**



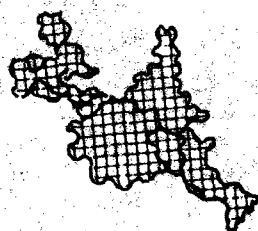
**COPPER**



**BAUXITE**

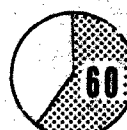


## EUROPEAN COMMUNITY



PERCENT

**ZINC**



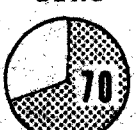
**CHROMIUM**



**NICKEL**



**LEAD**



**TIN**



**COBALT**



**IRON**



**MANGANESE**



NOTE: FIGURES ARE BASED ON METAL AND METAL CONTENT OF ORES AND SCRAP.

SOURCE: CIA - HANDBOOK OF ECONOMIC STATISTICS, 1976.

# U.S. MILITARY DELIVERIES TO THE LESS DEVELOPED COUNTRIES, BY RECIPIENT<sup>1</sup>

Millions US \$

	1955-75	1973	1974	1975
Total	29,142	1,510	3,050	3,609
Africa	519	18	30	35
Ethiopia	206	9	9	20
Libya	79	1	1	1
Morocco	91	2	5	5
Tunisia	46	2	6	2
Zaire	52	1	2	1
Other	45	3	7	6
East Asia	11,967	514	741	932
Burma	84	Negl.	Negl.	Negl.
Malaysia	68	3	13	33
Philippines	484	16	25	24
South Korea	3,866	128	118	204
Taiwan	3,104	105	175	174
Thailand	670	24	38	46
Other	3,691	238	372 <sup>2</sup>	451
Latin America	1,707	93	114	135
Argentina	228	22	13	11
Brazil	455	27	27	47
Chile	164	4	7	14
Colombia	130	3	5	3
Ecuador	62	Negl.	Negl.	3
Peru	155	3	6	10
Uruguay	62	3	4	3
Venezuela	218	14	31	26
Other	233	17	21	18
Middle East and South Asia	13,700	801	2,097	2,446
Greece	1,756	52	115	147
India	170	Negl.	1	3
Iran	3,340	256	545	994
Israel	3,017	211	1,009	733
Jordan	390	45	48	39
Pakistan	814	6	20	16
Saudi Arabia	1,036	114	235	336
Turkey	3,056	110	122	163
Other	121	7	2	15
Europe	1,249	84	68	61
Portugal	239	4	3	3
Spain	1,010	80	65	58

<sup>1</sup> Fiscal Years. Including deliveries under the following programs: (a) Military Assistance Program (MAP) grants under the various Mutual Security Acts; (b) Foreign Military Sales (FMSS), which consists of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales (ESS), which involve surplus equipment that has been valued at 33% of the original acquisition value. Excluding some \$15.7 billion worth of arms provided under the Military Assistance Service Funded (MASF) program; MASF was designed to support non-US forces engaged in combat in Indochina and was provided directly from the US military budget. South Vietnam began receiving MASF funds in March 1966 and Laos and Thailand in 1967. South Korea, which had a large force in South Vietnam, received some MASF support. US data exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

<sup>2</sup> Including \$306 million to Cambodia.



## SYSTEM: A-10

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1976  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY70-80)	2 CHANGES	3 CURRENT ESTIMATE (FY70-82)	4 FUNDING	5 CURRENT & PRIOR YRS	6 BUDGET YEAR (FY78)	7 BALANCE TO COMPLETE FYDP BEYOND FYDP	8 TOTAL
DEVELOPMENT	\$ 281.9	+\$ 51.1	\$ 333.0	DEVELOPMENT	\$ 379.3	\$ 15.7	\$ 27.2	\$ 422.2
CPP	80.7		80.7	CPP	84.5	-	-	84.5
PSD	201.2		252.3	PSD	294.8	15.7	27.2	337.7
PROCUREMENT	1486.5	+ 360.5	1847.0	PROCUREMENT	1286.1	825.2	2014.3	4126.6
Airframe	702.0		967.4	CONSTRUCTION	-	-	-	-
Engine	363.1		393.2	Total	\$1665.4	\$840.9	\$2041.5	\$4547.8
Avionics	75.1		143.0	QUANTITIES				
Armament	66.3		71.2	DEVELOPMENT	10	-	-	10
Peculiar Support	150.8		177.6	PROCUREMENT	195	144	394	733
Initial Spares	129.2		94.6	Total	205	144	394	743
CONSTRUCTION	-	-	-					
Total (FY70s)	\$1768.4	+\$ 411.6	\$2180.0					
ESCALATION	721.3	+ 1646.5	2367.8					
TOTAL PROG COST	\$2489.7	+\$2058.1	\$4547.8 (Ch 1)					
QUANTITIES								
DEVELOPMENT	14	- 4	10					
PROCUREMENT	729	+ 4	733					
Total	743	0	743					
UNIT COSTS								
PROCUREMENT								
Constant FY70s	\$ 2.04		\$ 2.52					
Escalated	\$ 2.95		\$ 5.63					
PROGRAM								
Constant FY70s	\$ 2.38		\$ 2.93					
Escalated	\$ 3.35		\$ 6.12					

APPROVED DESIGN TO COST GOAL: \$1.8M cumulative average unit flyaway cost estimate based on 600 aircraft at a peak rate of 15 per month expressed in FY70 dollars. This is a change from \$1.5M per DepSecDef memorandum 2 November 1976.

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY70) at which time the provision for escalation was \$721.3M based on a rate of 4.6% annually through FY83. The Current Estimate, Column 3, includes adjustments for program changes and economic change greater than initially assumed. For FY78, annual escalation rates of 7.6% for RDT&E and 7.6% for Procurement are assumed, with an average annual escalation rate of 6.7% extending through FY84. The table below indicates the change to the Current Estimate of \$4547.8M which would result from other rate assumptions.

Escalation Rate	\$ Millions
4%	-293.6
6%	- 81.2
8%	+143.4
10%	+380.7

## AF/RDPN/71715

## SYSTEM: B-1

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1976  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY70-79)	2 CHANGES	3 CURRENT ESTIMATE (FY70-84)	4 FUNDING	5 CURRENT & PRIOR YRS	6 BUDGET YEAR (FY78)	7 BALANCE TO COMPLETE FYDP BEYOND FYDP	8 TOTAL
DEVELOPMENT	\$ 2431.0	+\$ 439.0	\$ 2870.0	DEVELOPMENT	\$ 3235.5	\$ 442.5	\$ 521.1	\$ 4209.1
PROCUREMENT	7422.8	+ 768.6	8191.4	PROCUREMENT	1160.0	1711.4	11280.9	18639.3
Airframe	4345.7		5017.0	CONSTRUCTION	-	-	-	-
Engine	796.5		997.0	Total	\$ 4395.5	\$2153.9	\$11802.0	\$22848.4
Avionics	894.0		1186.0	QUANTITIES				
Peculiar Support	671.4		443.0	DEVELOPMENT	4	-	-	4
Initial Spares	715.2		548.4	PROCUREMENT	3	8	144	240
CONSTRUCTION	-	-	-	Total	7	8	144	244
Total (FY70s)	\$ 9853.8	+\$1207.6	\$11061.4					
ESCALATION	1365.0	+10422.0	11787.0					
TOTAL PROG COST	\$ 11218.8	+\$11629.6	\$22848.4 (Ch 4)					
QUANTITIES								
DEVELOPMENT	5	-1	4					
PROCUREMENT	241	-1	240					
Total	246	-2	244					
UNIT COSTS								
PROCUREMENT								
Constant FY70s	\$ 30.8		\$ 34.1					
Escalated	\$ 35.4		\$ 77.7					
PROGRAM								
Constant FY70s	\$ 40.1		\$ 45.3					
Escalated	\$ 45.6		\$ 93.6					

APPROVED DESIGN TO COST GOAL: Radio frequency surveillance/electronic countermeasure avionics: \$1.4M average unit cost for 241 units, expressed in FY72 dollars.

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY70), at which time the provision for escalation was \$1365.0M based on a rate of 2.57% annually through FY78 for the RDT&E program and 1.94% annually through FY81 for the Procurement program. The Current Estimate, Column 3, includes adjustments for program changes and economic change greater than initially assumed. For FY78, annual rates of 8.2% for RDT&E and 8.1% for Procurement are assumed, with average annual rates of 7.4% through FY83 for RDT&E and 5.7% through FY88 for Procurement. The table below indicates the change to the Current Estimate of \$22848.4M which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-3099.4
4%	-1516.5
6%	+ 222.6
8%	+2132.9

SAR 2  
AF/KRCC/77005

SYSTEM: E-3A

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1976  
BASE YEAR: FY 1970

	1	2	3	4	5	6	7	8	
PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 70-80)	CHANGES	CURRENT ESTIMATE (FY 70-82)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY78)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL	
DEVELOPMENT	\$ 761.0	+\$ 373.5	\$1134.5	DEVELOPMENT	\$1200.2	\$117.6	\$149.7	\$-	\$1467.5
PROCUREMENT	1389.9	- 145.4	1244.5	PROCUREMENT	1213.5	411.3	603.4	-	2228.2
Air Vehicle	1096.8		960.2	CONSTRUCTION	-	-	-	-	-
Peculiar Support	112.4		182.9	Total	\$2413.7	\$528.9	\$753.1	\$0	\$3695.7
Initial Spares	180.7		101.4						
CONSTRUCTION	-		-	QUANTITIES					
Total (FY70 \$)	\$2150.9	+\$ 228.1	\$2379.0	DEVELOPMENT	3	-	-	-	3
ESCALATION	510.7	+ 806.0	1316.7	PROCUREMENT	16	6	9	-	31
				Total	19	6	9	0	34
TOTAL PROG COST	\$2661.6	+\$1034.1	\$3695.7 (Ch 1)						

QUANTITIES

DEVELOPMENT	-	+ 3	3
PROCUREMENT	42	-11	31
Total	42	- 8	34

UNIT COSTS

PROCUREMENT			
Constant FY 70 \$	\$33.1		\$ 40.1
Escalated	\$42.5		\$ 71.9
PROGRAM			
Constant FY 70 \$	\$51.2		\$ 70.0
Escalated	\$63.4		\$108.7

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 70) at which time the provision for escalation was \$510.7M based on a rate of 4.25% annually through FY 80. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 78 annual escalation rates of 7.3% for RDT&E and 7.4% for Procurement are assumed, with an average annual escalation rate of 7.1% extending through FY 83. The table below indicates the change to the Current Estimate of \$3695.7M which would result from other rate assumptions.

Escalation Rate	\$ Millions
4%	-103.3
6%	- 36.4
8%	+ 32.8
10%	+104.4

AF/KRCC/77005

SYSTEM: E-4

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1976  
BASE YEAR: FY 1974

PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY73-78)	2 CHANGES	3 CURRENT ESTIMATE (FY73-81)	4 FUNDING	5 CURRENT & PRIOR YRS	6 BUDGET YEAR (FY78)	7 BALANCE TO COMPLETE FYDP BEYOND FYDP	8 TOTAL	
DEVELOPMENT	\$158.8	+\$134.0	\$292.8	DEVELOPMENT	\$244.3	\$65.8	\$ 48.7	\$ -	\$358.8 B/
PROCUREMENT	255.0	-14.7	240.3	PROCUREMENT	101.3	-	234.6	-	335.9
Weapon System	246.1		232.6	CONSTRUCTION	19.7	-	-	-	19.7
Flyaway	237.4		223.1	Total	\$365.3	\$65.8	\$283.3	\$ 0	\$714.4 A/
Peculiar Support	8.7		9.5						
Initial Spares	8.9		7.7	QUANTITIES					
CONSTRUCTION	29.1	-15.3	13.8	DEVELOPMENT	1	-	-	-	1
				PROCUREMENT	3	-	2	-	5
Total (FY74\$)	\$442.9	+\$104.0	\$546.9	Total	4	0	2	0	6

ESCALATION	41.4	+126.1	167.5
TOTAL PROG COST A/	\$484.3	+\$230.1	\$714.4 (Ch 2)

QUANTITIES

DEVELOPMENT	1	-	1
PROCUREMENT	6	-1	5
Total	7	-1	6

UNIT COSTS

PROCUREMENT			
Constant FY74\$	\$ 42.5		\$ 48.1
Escalated	\$ 47.4		\$ 67.2
PROGRAM			
Constant FY74\$	\$ 63.3		\$ 91.2
Escalated	\$ 69.2		\$119.1

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 74) at which time the provision for escalation was \$41.4M based on a rate of 6.3% annually through FY 80. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 78, annual escalation rates of 7.4% for RDT&E, 7.5% for Procurement, and 6.6% for Military Construction are assumed, with an average annual escalation rate of 6.6% extending through FY 82. The table below indicates the change to the Current Estimate of \$714.4M which would result from other rate assumptions.

Escalation Rate	\$Millions
4%	-28.5
6%	- 6.7
8%	+16.3
10%	+40.6

A/ Interim NEACP retrofit/modification to advanced configuration is not included (Current Estimate \$184.4M).

B/ OSD has approved additional continuing funds for development and study of future block efforts as follows:  
FY75: \$1.8M; FY76: \$2.1M; FY80: \$3.2M; FY81: \$3.0M;  
FY82: \$4.2M.

## SYSTEM: F-15

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1976  
BASE YEAR: FY 1970

	1	2	3	4	5	6	7	8
PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-79)	CHANGES	CURRENT ESTIMATE (FY70-81)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY78)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 1654.9	+\$ 226.0	\$ 1880.9	DEVELOPMENT	\$2021.4	\$ 28.1	\$ 20.0	\$ -
PROCUREMENT	4333.2	+ 1396.3	5729.5	PROCUREMENT	5577.6	1738.2	3218.1	-
Air Vehicle	3508.3		4864.6	CONSTRUCTION	-	-	-	-
Airframe	1679.1		2447.9	Total	\$7599.0	\$1766.3	\$3238.1	\$ 0
Engines	832.4		1412.9					\$12603.4
Electronics	866.8		873.8	QUANTITIES				
Armament	111.8		80.4	DEVELOPMENT	20	-	-	-
Other	18.2		49.6	PROCUREMENT	404	108	217	-
Peculiar Support	449.2		456.1	Total	424	108	217	0
Initial Spares	375.7		408.8					749
CONSTRUCTION	-	-	-					

Total (FY 70 \$) \$ 5988.1 +\$1622.3 \$ 7610.4

ESCALATION 1367.1 + 3625.9 4993.0

TOTAL PROG COST \$ 7355.2 +\$5248.2 \$12603.4<sup>A/</sup> (Ch 2)

QUANTITIES		
DEVELOPMENT	20	20
PROCUREMENT	729	729
Total	749	749

UNIT COSTS<sup>A/</sup>

PROCUREMENT		
Constant FY70\$	\$ 5.94	\$ 7.84
Escalated	\$ 7.65	\$ 14.41
PROGRAM		
Constant FY 70\$	\$ 7.99	\$ 10.14
Escalated	\$ 9.82	\$ 16.79

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY70) at which time the provision for escalation was \$1367.1M based on an estimated rate of 4% annually through FY81. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY78, annual escalation rates of 7.5% for RDT&E and 9.3% for Procurement are assumed, with an average annual escalation rate of 7.9% extending through FY 83. The table below indicates the change to the Current Estimate of \$12603.4M which would result from other rate assumptions.

Escalation Rate	\$ Millions
4%	-575.5
6%	-289.7
8%	+ 8.3
10%	+318.3

A/ The Secretary of Defense has determined resources (\$26.3M) are to be provided in FY 1978 to protect the ability to select a Follow-On-Interceptor (FOI) subsequent to submission of the FY 1978 President's Budget. The decision is to be made in FY 1977. Unit costs exclude FOI option.

AF/RDQR/76365

## SYSTEM: F-16

AS OF DATE: 31 December 1976  
BASE YEAR: FY 1975PROGRAM COST SECTION  
(Dollars in Millions)

	1	2	3	4	5	6	7	8
PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY75-82)	CHANGES	CURRENT ESTIMATE (FY75-86)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY78)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 578.6	+\$ 146.8	\$ 725.4	DEVELOPMENT	\$576.4	\$ 192.8	\$ 121.9	\$ -
PROCUREMENT	3798.2	+ 4011.8	7810.0	PROCUREMENT	240.2	1502.7	5933.4	5265.9
Airframe	1375.4		2809.3	CONSTRUCTION	-	-	-	-
Engine	911.3		1677.5	Total	\$876.6	\$1695.5	\$6055.3	\$5265.9
Electronics	539.6		1095.5					\$13833.3 <sup>A/</sup>
Armament	171.6		496.6	QUANTITIES				
Sys/Project Mgt	33.8		95.9	DEVELOPMENT	8	-	-	-
Peculiar Support	435.2		1094.5	PROCUREMENT	-	105	680	603
Initial Spares	331.3		540.7	Total	8	105	680	603
CONSTRUCTION	-	-	-					1396
Total (FY75\$)	\$4376.8	+\$4158.6	\$ 8535.4					

ESCALATION 1677.7 + 3620.2 5297.9

TOTAL PROG COST \$6054.5 +\$7778.8 \$13833.3<sup>A/</sup> (Ch 2)

QUANTITIES		
DEVELOPMENT	8	8
PROCUREMENT	650	1388
Total	658	1396

## UNIT COSTS

PROCUREMENT		
Constant FY75\$	\$ 5.84	\$ 5.63
Escalated	\$ 8.30	\$ 9.32
PROGRAM		
Constant FY75\$	\$ 6.65	\$ 6.11
Escalated	\$ 9.20	\$ 9.91

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY75) at which time the provision for escalation was \$1677.7M based on a rate of 5.2% annually through FY86. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY78, annual escalation rates of 7.5% for RDT&E and 8.2% for Procurement are assumed, with an average annual escalation rate of 5.6% extending through FY90. The table below indicates the change to the Current Estimate of \$13833.3M which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-2516.5
4%	-1203.8
6%	+ 274.0
8%	+1939.8

APPROVED DESIGN TO COST GOAL: \$4.5M cumulative average unit flyaway cost estimate based on 650 aircraft at a peak rate of 15 per month expressed in FY75 dollars.

A/ Does not include costs for 348 EPG aircraft.



SYSTEM: EF-111 TJS

AS OF DATE: 31 December 1976  
BASE YEAR: FY 1973

PROGRAM COST SECTION (Dollars in Millions)				BASE YEAR: FY 1973				
PROGRAM	1 DEVELOPMENT ESTIMATE (FY73-81)	2 CHANGES	3 CURRENT ESTIMATE (FY73-82)	FUNDING	4 CURRENT & PRIOR YRS	5 BUDGET YEAR (FY78)	6 BALANCE TO COMPLETE FYDP BEYOND FYDP	7 TOTAL
ACQUISITION COST								
DEVELOPMENT	\$ 84.3	+\$10.6	\$ 94.9	DEVELOPMENT	\$107.2	\$17.1	\$ -	\$124.3
PROCUREMENT	294.5	+ 24.4	318.9	PROCUREMENT	-	31.6	522.8	554.4
Aircraft Mod	243.4		281.5	CONSTRUCTION	-	-	-	-
Kits	197.7		235.5	O&M	-	-	37.2	37.2
Data	5.5		14.8	Total	\$107.2	\$48.7	\$560.0	\$715.9
Support Equip	21.9		24.4					
Training	18.3		6.8	QUANTITIES				
Initial Spares	51.1		37.4	DEVELOPMENT	2	-	-	2
CONSTRUCTION	-	-	-	PROCUREMENT	-	1	39	40
Total Proc Acq Cost (FY73\$)	\$378.8	+\$35.0	\$413.8	Total	2	1	39	42
O&M (Kit Inst Only)	34.6	- 12.6	22.0					
Total (FY73\$)	\$413.4	-\$22.4	\$435.8					
ESCALATION	218.5	+ 61.6	280.1					
TOTAL PROG COST	\$631.9	+\$84.0	\$715.9 (Ch 3)					
QUANTITIES								
DEVELOPMENT	2		2					
PROCUREMENT	40		40					
Total	42		42					
UNIT COSTS								
PROCUREMENT								
Constant FY 73\$	\$ 7.36		\$ 7.97					
Escalated	\$ 11.48		\$ 13.86					
PROGRAM								
Constant FY 73\$	\$ 9.84		\$ 10.38					
Escalated	\$ 15.05		\$ 17.05					
APPROVED DESIGN TO COST GOAL:	\$5.4M cumulative average unit							
flyaway based on 40 aircraft at a peak rate of 2 per month								
expressed in FY 73 dollars.								

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 75), at which time the provision for escalation was \$218.5M based on a rate of 4.7% annually through FY 83. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 78, annual escalation rates of 7.3% for RDT&E and 7.3% for Procurement are assumed, with an average annual escalation rate of 6.1% extending through FY 83. The table below indicates the change to the Current Estimate of \$715.9M which would result from other rate assumptions.

Escalation Rate	\$ Millions
4%	-48.7
6%	- 3.3
8%	+45.0
10%	+96.6

APPROVED DESIGN TO COST GOAL: \$5.4M cumulative average unit flyaway based on 40 aircraft at a peak rate of 2 per month expressed in FY 73 dollars.

AF/XOOS/75735

SYSTEM: MINUTEMAN III

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1976  
BASE YEAR: FY 1967

PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY69-73)	2 CHANGES	3 CURRENT ESTIMATE (FY69-83)	FUNDING	4 CURRENT & PRIOR YRS	5 BUDGET YEAR (FY78)	6 BALANCE TO COMPLETE FYDP BEYOND FYDP	7 TOTAL
DEVELOPMENT	\$1835.4	+\$ 139.0	\$1974.4	DEVELOPMENT	\$2267.9	\$ 65.8	\$ 74.3	\$2408.0
PROCUREMENT	2763.8	+ 978.5	3742.3	PROCUREMENT	4996.7	44.1	266.8	5308.2
Air Vehicle	2007.5		2419.0	CONSTRUCTION	20.1	-	-	20.1
Support Equip	212.4		130.8	Total	\$7284.7	\$109.9	\$341.1	\$7736.3
Training Equip	19.4		37.7	QUANTITIES				
Data	25.5		68.1	DEVELOPMENT	44	-	-	44
Site Activation	40.9		13.4	PROCUREMENT	814	-	-	814
Force Mod	260.2		973.0	Total	858	0	0	858
Initial Spares	197.9		100.3					
CONSTRUCTION	74.6	- 60.7	13.9					
Total (FY67 \$)	\$4673.8	+\$1056.8	\$5730.6					
ESCALATION	0	+ 2005.7	2005.7					
TOTAL PROG COST	\$4673.8	+\$3062.5	\$7736.3 (Ch 1)					
QUANTITIES								
DEVELOPMENT	60	- 16	44					
PROCUREMENT	700	+ 114	814					
Total	760	+ 98	858					
UNIT COSTS								
PROCUREMENT								
Constant FY67\$	\$ 3.95		\$ 4.60					
Escalated	\$ 3.95		\$ 6.52					
PROGRAM								
Constant FY67\$	\$ 6.15		\$ 6.68					
Escalated	\$ 6.15		\$ 9.02					

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 69) at which time no escalation was assumed. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation not initially assumed. For FY 78, annual escalation rates of 9.6% for RDT&E and 7.0% for Procurement are assumed, with an average annual escalation rate of 7.5% extending through FY 86. The table below indicates the change to the Current Estimate of \$7736.3M which would result from other rate assumptions.

Escalation Rate	\$ Millions
4%	-66.4
6%	-29.8
8%	+ 8.7
10%	+49.2

## SYSTEM: AIM-7F

PROGRAM COST SECTION\*  
(Dollars in Millions)AS OF DATE: 31 December 1976  
BASE YEAR: FY 1968

PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY68-74)	2 CHANGES	3 CURRENT ESTIMATE (FY68-85)	FUNDING	4 CURRENT & PRIOR YRS	5 BUDGET YEAR (FY78)	6 BALANCE TO COMPLETE FYDP	7 BEYOND FYDP	8 TOTAL
DEVELOPMENT	\$ -	+\$ 12.5	\$ 12.5	DEVELOPMENT	\$ 13.2	\$ -	\$ 3.0	\$ -	\$ 16.2
PROCUREMENT	206.8	+ 248.7	455.5	PROCUREMENT	237.8	114.2	438.7	67.2	857.9
Air Vehicle	201.7		441.4	CONSTRUCTION	-	-	-	-	-
Peculiar Support	4.2		11.6	Total	\$ 251.0	\$ 114.2	\$ 441.7	\$ 67.2	\$ 874.1
Initial Spares	0.9		2.5						
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY68 \$)	\$ 206.8	+\$ 261.2	\$ 468.0	DEVELOPMENT	50	-	-	-	50
ESCALATION	47.3	+ 358.8	406.1	PROCUREMENT	1925	1300	5100	775	9100
TOTAL PROG COST	\$ 254.1	+\$ 620.0	\$ 874.1 (Ch 1)	Total	1975	1300	5100	775	9150
QUANTITIES									
DEVELOPMENT	-	+ 50	50						
PROCUREMENT	4900	+ 4200	9100						
Total	4900	+ 4250	9150						
UNIT COSTS									
PROCUREMENT									
Constant FY68\$	\$ .042		\$ .050						
Escalated	\$ .052		\$ .094						
PROGRAM									
Constant FY68\$	\$ .042		\$ .051						
Escalated	\$ .052		\$ .096						

## Estimates

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY68) at which time the provision for escalation was \$47.3M based on a rate of 4% annually through FY 78. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 78, annual escalation rates of 6.1% for RDT&E and 6.0% for Procurement are assumed, with an average annual escalation rate of 4.9% extending through FY 87. The table below indicates the change to the Current Estimate of \$874.1M which would result from other rate assumptions.

## Escalation Rate \$ Millions

2%	- 75.8
4%	- 24.2
6%	+ 31.6
8%	+ 91.9

\* This section reports Air Force Program as contained in P.E.27161F, TAC AIM Missiles and does not include AIM-7F Monopulse development funding for FY78 and FY79. FY78, 79 and 80 AIM-7F development effort also is funded at \$45.6M in P.E.63316F, AMRAAM, of which \$28.6M is Monopulse and \$17.0M is for SEASPARROW development. SEASPARROW funding has not been previously identified in the AIM-7F SAR since this program is managed separately.

AF/RDPA/78885

## SYSTEM: AIM-9L

PROGRAM COST SECTION\*  
(Dollars in Millions)AS OF DATE: 31 December 1976  
BASE YEAR: FY 1971

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY71-77)	CHANGES	CURRENT ESTIMATE (FY71-83)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY78)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 6.8	+\$ 13.0	\$ 19.8	DEVELOPMENT	\$ 17.4	\$ 2.6	\$ 2.9	\$ -	\$ 22.9
PROCUREMENT	108.2	+ 161.3	269.5	PROCUREMENT	102.3	105.5	241.7	0.1	449.6
Air Vehicle	93.8		253.1	CONSTRUCTION	-	-	-	-	-
Peculiar Support	11.0		14.2	Total	\$ 119.7	\$ 108.1	\$ 244.6	\$ 0.1	\$ 472.5
Initial Spares	3.4		2.2						
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY71 \$)	\$ 115.0	+\$ 174.3	\$ 289.3	DEVELOPMENT	63	-	-	-	63
ESCALATION	18.7	+ 164.5	183.2	PROCUREMENT	1710	2300	6560	-	10570
TOTAL PROG COST	\$ 133.7	+\$ 338.8	\$ 472.5 (Ch 1)	Total	1773	2300	6560	-	10633
QUANTITIES									
DEVELOPMENT	15	+ 48	63						
PROCUREMENT	5709	+ 4861	10570						
	5724	+ 4909	10633						
UNIT COSTS									
PROCUREMENT									
Constant FY71\$	\$ .019		\$ .025						
Escalated	\$ .022		\$ .043						
PROGRAM									
Constant FY71\$	\$ .020		\$ .027						
Escalated	\$ .023		\$ .044						

## Estimates

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 71) at which time the provision for escalation was \$18.7M based on a rate of 4% annually through FY 81. The Current Estimate, Column 3, includes adjustments for program changes and economic change greater than initially assumed. For FY 78, annual escalation rates of 6.1% for RDT&E and 6.0% for Procurement are assumed, with an average annual escalation rate of 5.1% extending through FY 87. The table below indicates the change to the Current Estimate of \$472.5M which would result from other assumptions.

## Escalation Rate \$ Millions

2%	-37.5
4%	-13.4
6%	+12.1
8%	+39.2

\*This cost section reports Air Force Program only



# EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF MANAGEMENT AND BUDGET

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**ADMINISTRATION**

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AND OPERATIONS**

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AND INTERNATIONAL AFFAIRS**

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**INTERNATIONAL AFFAIRS DIVISION**

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**NATIONAL SECURITY DIVISION**

Mr. David Sitrin - 395-3884

**MANAGEMENT DIVISION**

Mr. Daniel Tost - 395-3285

**ASSOCIATE DIRECTOR FOR HUMAN AND  
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**HUMAN RESOURCES DIVISION**

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**HOUSING, LABOR & VETERAN'S DIVISION**

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**MANAGEMENT DIVISION**

Ms Barbara Selfridge - 395-6150

**ASSOCIATE DIRECTOR FOR ECONOMICS  
AND GOVERNMENT**

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**ECONOMICS AND GOVERNMENT DIVISION**

Ms Joyce Walker - 395-4892

**ECONOMIC POLICY DIVISION**

Vacant - 395-6190

**MANAGEMENT DIVISION**

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**ASSOCIATE DIRECTOR FOR NATURAL  
RESOURCES, ENERGY, AND SCIENCE**

Vacant - 395-3184

**NATURAL RESOURCES DIVISION**

Mr. Donald E. Crabill - 395-4586

**SCIENCE AND ENERGY TECHNOLOGY DIVISION**

Mr. Hugh F. Loweth - 395-3404

**ENERGY AND FOOD DIVISION**

Mr. Kenneth Glozer - 395-3040

## CONGRESSIONAL BUDGET OFFICE NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

### DIRECTOR

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### DEPUTY ASSISTANT DIRECTOR FOR INTERNATIONAL AFFAIRS

Larry Franko

### ASSISTANT DIRECTOR FOR NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

John Koehler

### DEPUTY ASSISTANT DIRECTOR FOR NATIONAL SECURITY

Robin Pirie

## SENATE APPROPRIATIONS COMMITTEE

### Democrats

McClellan, John L. (Ark.) Chairman  
Magnuson, Warren G. (Wa.)  
Stennis, John C. (Miss.)  
Byrd, Robert C. (W. Va.)  
Proxmire, William (Wisc.)  
Inouye, Daniel K. (Hawaii)  
Hollings, Ernest F. (S.C.)  
Bayh, Birch (Ind.)

Eagleton, Thomas F. (Mo.)  
Chiles, Lawton (Fla.)  
Johnston, J. Bennett, Jr. (La.)  
Huddleston, Walter (Ky.)  
Burdick, Quentin N. (N.D.)  
Leahy, Patrick J. (Vt.)  
Sasser, James R. (Tenn.)  
DeConcini, Dennis (Ariz.)

### Republicans

Young, Milton R. (N.D.)  
Case, Clifford P. (N.J.)  
Brooke, Edward W. (Mass.)  
Hatfield, Mark O. (Ore.)  
Stevens, Ted (Alaska)

Mathias, Charles McC. Jr. (Md.)  
Schweiker, Richard S. (Pa.)  
Bellmon, Henry (Okla.)  
Weicker, Lowell P. Jr. (Conn.)

## DEFENSE SUBCOMMITTEE

### Democrats

McClellan, John L. (Ark.) Chairman  
Stennis, John C. (Miss.)  
Magnuson, Warren G. (Wa.)  
Proxmire, William (Wisc.)

Inouye, Daniel K. (Hawaii)  
Hollings, Ernest F. (S.C.)  
Eagleton, Thomas F. (Mo.)  
Chiles, Lawton (Fla.)

### Republicans

Young, Milton R. (N.D.)  
Case, Clifford P. (N.J.)  
Stevens, Ted (Alaska)

Schweiker, Richard S. (Pa.)  
Brooke, Edward W. (Mass.)

## MILITARY CONSTRUCTION SUBCOMMITTEE

Democrats

Johnston, J. Bennett Jr. (La.) Chairman  
 Inouye, Daniel K. (Hawaii)  
 \*McClellan, John L. (Ark.)

Huddleston, Walter (Ky.)  
 Sasser, James R. (Tenn.)

Republicans

Stevens, Ted (Alaska)  
 \*Young, Milton R. (N.D.)

Bellmon, Henry (Okla.)

## HOUSE APPROPRIATIONS COMMITTEE

Democrats

Mahon, George H. (Tex.) Chairman  
 Whitten, Jamie L. (Miss.)  
 Sikes, Robert L. F. (Fla.)  
 Boland, Edward P. (Mass.)  
 Natcher, William H. (Ky.)  
 Flood, Daniel J. (Pa.)  
 Steed, Tom (Okla.)  
 Shipley, George E. (Ill.)  
 Slack, John M. (W. Va.)  
 Flynt, John J. Jr. (Ga.)  
 Smith, Neal (Iowa)  
 Giaimo, Robert N. (Conn.)  
 Addabbo, Joseph P. (N.Y.)  
 McFall, John J. (Cal.)  
 Patten, Edward J. (N.J.)  
 Long, Clarence D. (Md.)  
 Yates, Sidney R. (Ill.)  
 Evans, Frank E. (Colo.)  
 Dicks, Norman D. (Wash.)

Obey, David R. (Wisc.)  
 Roybal, Edward R. (Cal.)  
 Stokes, Louis (Ohio)  
 McKay, K. Gunn (Utah)  
 Bevil, Tom (Ala.)  
 Chappell, Bill Jr. (Fla.)  
 Burlison, Bill D. (Mo.)  
 Alexander, Bill (Ark.)  
 Koch, Edward I. (N.Y.)  
 Burke, Yvonne B. (Cal.)  
 Murtha, John (Pa.)  
 Traxler, Bob (Mich.)  
 Duncan, Robert (Ore.)  
 Early, Joe (Mass.)  
 Baucus, Max (Mont.)  
 Wilson, Charles (Tex.)  
 Boggs, Lindy (Mrs. Hale) (La.)  
 Benjamin, Adam Jr. (Ind.)

Republicans

Cederbert, Elford A. (Mich.)  
 Michel, Robert H. (Ill.)  
 Conte, Silvio O. (Mass.)  
 McDade, Joseph M. (Pa.)  
 Andrews, Mark (N.D.)  
 Edwards, Jack (Ala.)  
 McEwen, Robert C. (N.Y.)  
 Myers, John T. (Ind.)  
 Robinson, J. Kenneth (Va.)

Miller, Clarence E. (Ohio)  
 Coughlin, Lawrence (Pa.)  
 Young, C. W. (Fla.)  
 Kemp, Jack (N.Y.)  
 Armstrong, William L. (Colo.)  
 Regula, Ralph S. (Ohio)  
 Burgener, Clair W. (Cal.)  
 O'Brien, George M. (Ill.)  
 Smith, Virginia (Neb.)

## DEFENSE SUBCOMMITTEE

Democrats

Mahon, George H. (Tex.) Chairman  
 Sikes, Robert L. F. (Fla.)  
 Flood, Daniel J. (Pa.)  
 Addabbo, Joseph P. (N.Y.)  
 McFall, John J. (Cal.)

Flynt, John J. Jr. (Ga.)  
 Giaimo, Robert N. (Conn.)  
 Chappell, Bill Jr. (Fla.)  
 Burlison, Bill D. (Mo.)

Republicans

Edwards, Jack (Ala.)  
 Kemp, Jack (N.Y.)

Robinson, J. Kenneth (Va.)

\* Ex officio, without vote.

## MILITARY CONSTRUCTION SUBCOMMITTEE

### Democrats

McKay, K. Gunn (Utah) Chairman  
Sikes, Robert L. F. (Fla.)  
Murtha, John (Pa.)

Steed, Tom (Okla.)  
Chappell, Bill Jr. (Fla.)  
Long, Clarence D. (Md.)

### Republicans

McEwen, Robert C. (N.Y.)

Regula, Ralph S. (Ohio)

## SENATE ARMED SERVICES COMMITTEE

### Democrats

Stennis, John C. (Miss.) Chairman  
Jackson, Henry M. (Wash.)  
Cannon, Howard W. (Nev.)  
McIntyre, Thomas J. (N.H.)  
Byrd, Harry F. Jr. (Va.)  
Nunn, Sam (Ga.)

Culver, John C. (Iowa)  
Hart, Gary W. (Colo.)  
Bumpers, Dale (Ark.)  
Morgan, Robert (N.C.)  
Anderson, Wendell R. (Minn.)

### Republicans

Tower, John (Tex.)  
Thurmond, Strom (S.C.)  
Goldwater, Barry (Ariz.)  
Scott, William L. (Va.)

Bartlett, Dewey F. (Okla.)  
Helms, Jesse (N.C.)  
Garn, Jake (Utah)

## SASC SUBCOMMITTEES

### Intelligence

Byrd, Harry F. Jr. (Va.) Chairman

### Democrats

Stennis, John C. (Miss.)

### Republicans

Goldwater, Barry (Ariz.)

### Military Construction & Stockpiles

Hart, Gary W. (Colo.) Chairman  
Jackson, Henry M. (Wash.)  
Cannon, Howard W. (Nev.)

### Democrats

Byrd, Harry F. Jr. (Va.)  
Nunn, Sam (Ga.)  
Bumpers, Dale (Ark.)

### Republicans

Thurmond, Strom (S.C.)  
Tower, John (Tex.)

Scott, William L. (Va.)  
Bartlett, Dewey F. (Okla.)

### Arms Control

Jackson, Henry M. (Wash.) Chairman  
Stennis, John C. (Miss.)  
McIntyre, Thomas J. (N.H.)

### Democrats

Bumpers, Dale (Ark.)  
Anderson, Wendell R. (Minn.)

### Republicans

Helms, Jesse (N.C.)  
Thurmond, Strom (S.C.)

Garn, Jake (Utah)

## SASC SUBCOMMITTEES (Cont'd)

Tactical Air Power

Cannon, Howard W. (Nev.) Chairman  
 Jackson, Henry M. (Wash.)  
 Nunn, Sam (Ga.)

Democrats

Hart, Gary W. (Colo.)  
 Morgan, Robert (N.C.)

Republicans

Goldwater, Barry (Ariz.)  
 Tower, John (Tex.)

Thurmond, Strom (S.C.)

Research and Development

McIntyre, Thomas J. (N.H.)  
 Culver, John C. (Iowa)

Democrats

Bumpers, Dale (Ark.)

Republicans

Bartlett, Dewey F. (Okla.)

Goldwater, Barry (Ariz.)

General Legislation

Culver, John C. (Iowa) Chairman  
 McIntyre, Thomas J. (N.H.)

Democrats

Morgan, Robert (N.C.)

Republicans

Garn, Jake (Utah)

Scott, William L. (Va.)

Manpower

Nunn, Sam (Ga.) Chairman  
 Byrd, Harry F. Jr. (Va.)

Democrats

Culver, John C. (Iowa)  
 Anderson, Wendell R. (Minn.)

Republicans

Scott, William L. (Va.)  
 Bartlett, Dewey F. (Okla.)

Helms, Jesse (N.C.)

General Procurement

Stennis, John C. (Miss.) Chairman  
 Cannon, Howard W. (Nev.)  
 Hart, Gary W. (Colo.)

Democrats

Morgan, Robert (N.C.)  
 Anderson, Wendell R. (Minn.)

Republicans

Tower, John (Tex.)  
 Helms, Jesse (N.C.)

Garn, Jake (Utah)



## HOUSE ARMED SERVICES COMMITTEE

### Democrats

Price, Melvin (Ill.) Chairman  
Bennett, Charles E. (Fla.)  
Stratton, Samuel S. (N.Y.)  
Ichord, Richard H. (Mo.)  
Nedzi, Lucien N. (Mich.)  
Wilson, Charles H. (Cal.)  
Leggett, Robert L. (Cal.)  
White, Richard C. (Tex.)  
Nichols, Bill (Ala.)  
Brinkley, Jack (Ga.)  
Mollohan, Robert H. (W. Va.)  
Daniel, Dan (Va.)  
Montgomery, G. V. (Sonny) (Miss.)  
Runnels, Harold (N. Mex.)

Aspin, Les (Wisc.)  
DeLums, Ronald V. (Cal.)  
Davis, Mendel J. (S.C.)  
Schroeder, Patricia (Colo.)  
Kazen, Abraham (Tex.)  
Won Pat, Antonio (Guam)  
Carr, Bob (Mich.)  
Lloyd, Jim (Cal.)  
McDonald, Larry (Ga.)  
Downey, Thomas J. (N.Y.)  
Byron, Goodloe E. (Md.)  
Whitley, Charles (N.C.)  
Tonry, Richard A. (La.)

### Republicans

Wilson, Bob (Cal.)  
Dickinson, William L. (Ala.)  
Whitehurst, G. William (Va.)  
Spence, Floyd (S.C.)  
Treen, David C. (La.)  
Beard, Robin L. (Tenn.)  
Mitchell, Donald J. (N.Y.)

Holt, Marjorie S. (Md.)  
Daniel, Robert W. Jr. (Va.)  
Hillis, Elwood (Ind.)  
Emery, David F. (Me.)  
Trible, Paul S. Jr. (Va.)  
Badham, Robert E. (Cal.)

## HASC SUBCOMMITTEES

### Research and Development

Ichord, Richard H. (Mo.) Chairman  
Leggett, Robert L. (Cal.)  
Runnels, Harold (N. Mex.)  
Schroeder, Patricia (Colo.)  
Lloyd, Jim (Cal.)

### Democrats

McDonald, Larry (Ga.)  
Downey, Thomas J. (N.Y.)  
Price, Melvin (Ill.)  
White, Richard C. (Tex.)

### Republicans

Dickinson, William L. (Ala.)  
Whitehurst, G. William (Va.)

Spence, Floyd (S.C.)  
Hillis, Elwood (Ind.)

### Military Construction Installations & Facilities

### Democrats

Nedzi, Lucien N. (Mich.) Chairman  
Wilson, Charles H. (Cal.)  
Brinkley, Jack (Ga.)  
Davis, Mendel J. (S.C.)  
Kazen, Abraham (Tex.)

Won Pat, Antonio (Guam)  
Byron, Goodloe E. (Md.)  
Whitley, Charles (N.C.)  
Ichord, Richard H. (Mo.)

### Republicans

Whitehurst, G. William (Va.)  
Beard, Robin L. (Tenn.)

Mitchell, Donald J. (N.Y.)  
Badham, Robert E. (Cal.)

## HASC SUBCOMMITTEES

(Cont'd)

Intelligence & Military Application of  
Nuclear Energy

Price, Melvin (Ill.) Chairman  
 Wilson, Charles (Cal.)  
 Brinkley, Jack (Ga.)  
 Daniel, Dan (Va.)  
 Montgomery, G. V. (Sonny) (Miss.)

Democrats

Dellums, Ronald V. (Cal.)  
 Carr, Bob (Mich.)  
 Bennett, Charles E. (Fla.)  
 Stratton, Samuel S. (N.Y.)

Republicans

Wilson, Bob (Cal.)  
 Dickinson, William L. (Ala.)

Holt, Marjorie S. (Md.)  
 Daniel, Robert W. Jr. (Va.)

Seapower & Strategic & Critical  
Materials

Bennett, Charles E. (Fla.) Chairman  
 Wilson, Charles H. (Cal.)  
 Mallohan, Robert H. (W. Va.)  
 Aspin, Les (Wisc.)  
 Schroeder, Patricia (Colo.)

Democrats

Carr, Bob (Mich.)  
 McDonald, Larry (Ga.)  
 Byron, Goodloe E. (Md.)  
 Tonry, Richard A. (Va.)

Republicans

Spence, Floyd (S.C.)  
 Wilson, Bob (Cal.)

Emery, David F. (Me.)  
 Tribble, Paul S. Jr. (La.)

Military Personnel

White, Richard C. (Tex.) Chairman  
 Montgomery, G. V. (Sonny) (Miss.)  
 Kazen, Abraham (Tex.)  
 Won Pat, Antonio (Guam)  
 Downey, Thomas J. (N.Y.)

Democrats

Whitley, Charles (N.C.)  
 Tonry, Richard A. (La.)  
 Bennett, Charles E. (Fla.)  
 Nedzi, Lucien N. (Mich.)

Republicans

Treen, David C. (La.)  
 Holt, Marjorie S. (Md.)

Hillis, Elwood (Ind.)  
 Emery, David F. (Me.)

Military Compensation

Nichols, Bill (Ala.) Chairman  
 Aspin, Les (Wisc.)  
 Davis, Mendel J. (S.C.)  
 Schroeder, Patricia (Colo.)  
 Stratton, Samuel S. (N.Y.)

Democrats

Won Pat, Antonio (Guam)  
 Lloyd, Jim (Cal.)  
 Downey, Thomas J. (N.Y.)  
 Tonry, Richard A. (La.)

Republicans

Mitchell, Donald J. (N.Y.)  
 Beard, Robin L. (Tenn.)

Tribble, Paul S. Jr. (Va.)  
 Badham, Robert E. (Cal.)

Investigations

Stratton, Samuel S. (N.Y.) Chairman  
 Leggett, Robert L. (Cal.)  
 Mallohan, Robert H. (W. Va.)  
 Daniel, Dan (Va.)  
 Runnels, Harold (N. Mex.)

Democrats

Dellums, Ronald V. (Cal.)  
 Davis, Mendel J. (S.C.)  
 Nedzi, Lucien N. (Mich.)  
 Nichols, Bill (Ala.)

Republicans

Beard, Robin L. (Tenn.)  
 Treen, David C. (La.)

Daniel, Robert W. Jr. (Va.)  
 Badham, Robert E. (Cal.)

## SENATE BUDGET COMMITTEE

### Democrats

Muskie, Edmund S. (Me.) Chairman  
Magnuson, Warren G. (Wash.)  
Hollings, Ernest F. (S.C.)  
Cranston, Alan (Cal.)  
Chiles, Lawton (Fla.)

Abourezk, James (S.D.)  
Biden, Joseph R. (Del.)  
Johnston, J. Bennett (La.)  
Anderson, Wendell R. (Minn.)  
Sasser, James R. (Tenn.)

### Republicans

Bellmon, Henry L. (Okla.)  
Dole, Bob (Kan.)  
McClure, James A. (Idaho)

Domenici, Pete V. (N. Mex.)  
Hayakawa, Samuel I. (Cal.)  
Heinz, H. John (Pa.)

## DEFENSE TASK FORCE

(As of 14 March 1977, no Task Force Membership has been determined.)

## HOUSE BUDGET COMMITTEE

### Democrats

Giaimo, Robert N. (Conn.) Chairman  
Wright, Jim (Tex.)  
Leggett, Robert L. (Cal.)  
Mitchell, Parren J. (Md.)  
Burlison, Omar (Tex.)  
Stokes, Louis (Ohio)  
Holtzman, Elizabeth (N.Y.)  
Derrick, Butler (S.C.)

Pike, Otis G. (N.Y.)  
Fraser, Donald M. (Minn.)  
Obey, David R. (Wisc.)  
Lehman, William (Fla.)  
Simon, Paul (Ill.)  
Fisher, Joseph L. (Va.)  
Mineta, Norman Y. (Cal.)  
Mattox, Jim (Tex.)

### Republicans

Latta, Delbert L. (Ohio)  
Broyhill, James T. (N.C.)  
Conable, Barber B. Jr. (N.Y.)  
Holt, Marjorie (Md.)

Rousselot, John H. (Cal.)  
Duncan, John J. (Tenn.)  
Burgener, Clair W. (Cal.)  
Regula, Ralph S. (Ohio)

## HOUSE NATIONAL SECURITY PROGRAMS TASK FORCE

### Democrats

Leggett, Robert L. (Cal.)  
Burlison, Omar (Tex.)  
Stokes, Louis (Ohio)  
Pike, Otis G. (N.Y.)

Fraser, Donald M. (Minn.)  
Lehman, William (Fla.)  
Simon, Paul (Ill.)  
Mattox, Jim (Tex.)

### Republicans

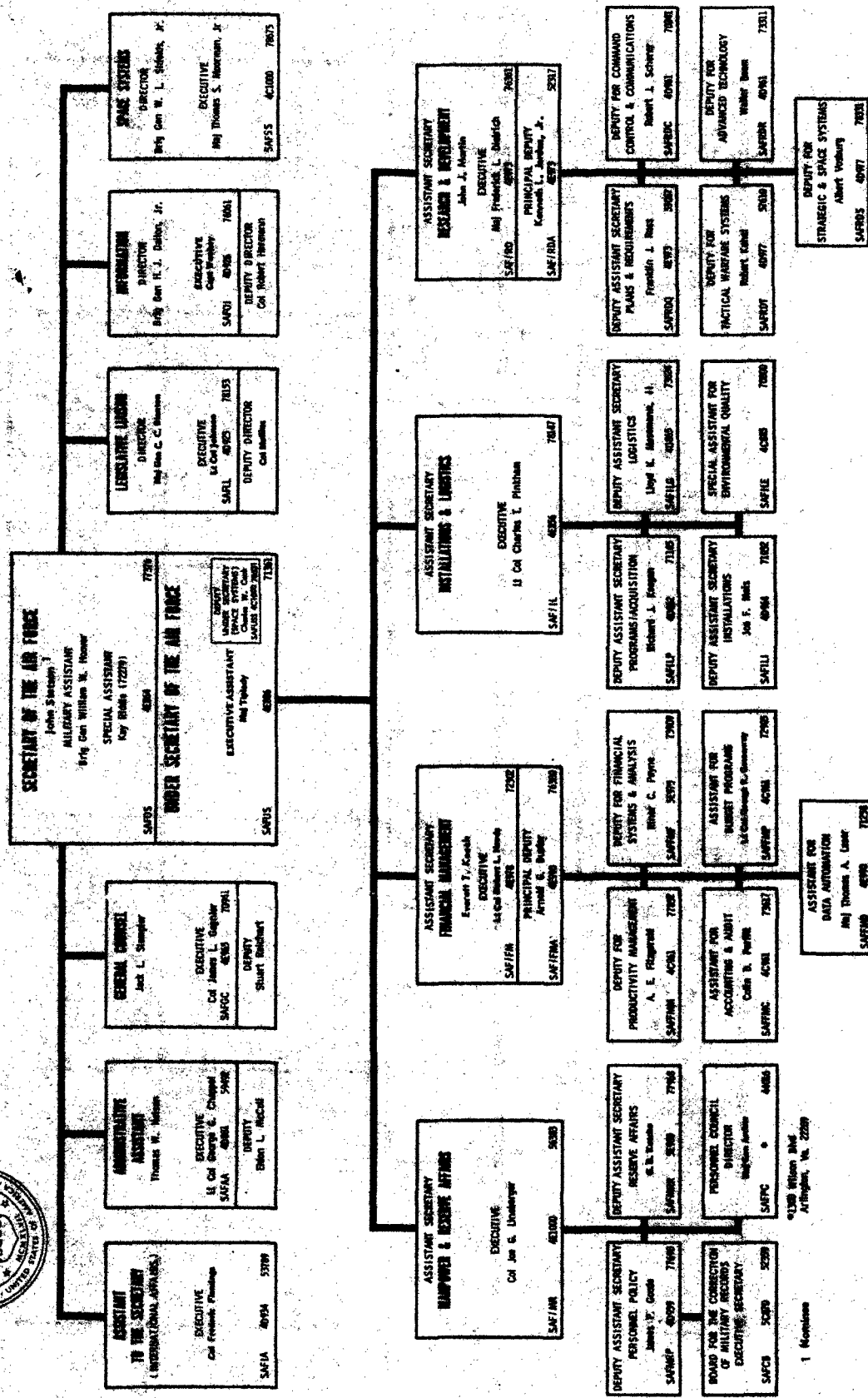
Latta, Delbert L. (Ohio)  
Holt, Marjorie S. (Md.)

Duncan, John J. (Tenn.)  
Regula, Ralph S. (Ohio)



# OFFICE OF THE SECRETARY OF THE AIR FORCE

SAF/AN/56333



4130 Wilson Blvd  
Arlington, VA 22209

1 November



AF/DP/53474

# USAF MAJCOMs & SOAs (Major Organizational Commanders)

## ALASKAN AIR COMMAND

Commander Lt Gen M. L. Boswell

## AEROSPACE DEFENSE COMMAND

Commander	Gen D. James, Jr.	23rd Air Division	Col (BG Sel) E. L. Ellis
Air Defense Weapons Center	Maj Gen C. D. Peterson	24th Air Division	Maj Gen L. G. Leiser
20th Air Division	Brig Gen F. A. Humphreys, Jr.	25th Air Division	Brig Gen E. A. Kees, Jr.
21st Air Division	Maj Gen R. H. Schoeneman	26th Air Division	Maj Gen T. E. Clifford

## AIR FORCE AUDIT AGENCY

Auditor General/Commander	Brig Gen J. B. Dodds	Assistant Auditor General	
Deputy Auditor General	Mr. T. D. Boyd	(HQ USAF)	Col M. E. Banaszak

## AIR FORCE ACCOUNTING AND FINANCE CENTER

Director Accounting and Finance/Commander	Maj Gen L. Theus	Deputy Director	Mr. C. P. Peterson
		Assistant Director (HQ USAF)	Lt Col V. Mikus

## AIR FORCE COMMUNICATIONS SERVICE

Commander	Maj Gen R. H. Burris	European Communication Area	Brig Gen J. T. Randerson
Pacific Communication Area	Brig Gen W. G. MacLaren	Northern Communication Area	Col (BG Sel) C. B. Jiggetts
Tactical Communication Area	Col J. P. Hyde	Southern Communication Area	Brig Gen D. J. Bowen
Strategic Communication Area	Col G. L. Prather		

## AIR FORCE DATA AUTOMATION AGENCY

Director Data Automation/Commander	Brig Gen F. L. Maloy	Deputy Director	Col A. R. Mourges
------------------------------------	----------------------	-----------------	-------------------

## AIR FORCE INSPECTION AND SAFETY CENTER

Commander Maj Gen R. T. Adams, Jr.

## AIR FORCE LOGISTICS COMMAND

Commander	Gen F. M. Rogers	Sacramento ALC	Maj Gen H. J. Gavin
Ogden Air Logistics Center (ALC)	Maj Gen E. A. Rafalko	San Antonio ALC	Maj Gen J. R. Kelly, Jr.
Oklahoma City ALC	Maj Gen C. G. Schneider	Warner Robins ALC	Maj Gen W. R. Hayes

## AIR FORCE MILITARY PERSONNEL CENTER

Commander Maj Gen W. D. Druen, Jr.

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## USAF MAJCOMs & SOAs (Major Organizational Commanders) (Continued)

### AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS

Commander Col R. C. Tucker, Jr.

### AIR FORCE SYSTEMS COMMAND

Commander  
Aeronautical Systems Division  
Electronics Systems Division  
Space and Missile Systems  
Organization  
Aerospace Medical Division  
Space & Missile Test Center  
Air Force Flight Test Center

Gen W. J. Evans  
Lt Gen G. H. Sylvester  
Lt Gen W. L. Creech  
  
Lt Gen T. W. Morgan  
Brig Gen H. R. Unger  
Brig Gen D. M. Hartung  
Maj Gen T. P. Stafford

Air Force Contract Management  
Division  
Foreign Technology Division  
Arnold Engrg Development Center  
Armament Development & Test  
Center  
Air Force Civil Engrg Center

Brig Gen M. W. Baker  
Col H. E. Wright  
Col O. H. Tallman, II  
  
Maj Gen H. M. Lane  
Col R. M. Iten

### AIR FORCE COMMISSARY SERVICE

Commander Maj Gen D. L. Burkett

### AIR FORCE TEST AND EVALUATION CENTER

Commander Maj Gen H. W. Leaf

### AIR FORCE RESERVE

Commander Maj Gen W. Lyon

### AIR RESERVE PERSONNEL CENTER

Commander Col T. C. Richards

### AIR TRAINING COMMAND

Commander  
AF Military Training Center  
USAF Recruiting Services  
Chanute TTC

Gen J. W. Roberts  
Maj Gen A. P. Isue  
BG (MG Sel) M. G. Bowling  
Maj Gen E. W. Robertson II

Kessler TTC  
Sheppard TTC  
Lowry TTC

Maj Gen W. W. Scott  
Maj Gen C. E. Fox  
Brig Gen A. Pringle

### AIR UNIVERSITY

Commander  
Air War College  
AF Institute of Technology

Lt Gen R. B. Furlong  
Maj Gen S. M. Umstead, Jr.  
Maj Gen F. J. Simokaitis

Air Command Staff College  
AF Reserve Officers Training  
Corps  
Squadron Officers School

Maj Gen Nicholson  
  
Maj Gen J. R. Brickel  
Col T. E. Walters

# USAF MAJCOMs & SOAs (Major Organizational Commanders)

(Continued)

MILITARY AIRLIFT COMMAND

Commander  
21st Air Force  
22nd Air Force  
Aerospace Rescue and Recovery  
Service

Gen W. G. Moore  
Maj Gen A. G. Glauch  
Maj Gen T. A. Aldrich  
  
Maj Gen R. S. Saunders

Air Weather Service  
Aerospace Audio-Visual Service  
76th Airlift Division

Brig Gen B. W. Rowe  
Col T. N. Mace  
Maj Gen W. C. Norris

PACIFIC AIR FORCES

Commander  
5th Air Force  
13th Air Force

Gen L. L. Wilson, Jr.  
Lt Gen W. T. Galligan  
Maj Gen F. L. Poston

313th Air Division  
314th Air Division

Brig Gen W. H. Baxter III  
Maj Gen D. D. Pittman

STRATEGIC AIR COMMAND

Commander  
8th Air Force  
3rd Air Division  
15th Air Force  
1st Strategic Aerospace Division  
19th Air Division  
45th Air Division

Gen R. E. Dougherty  
Lt Gen J. E. Hill  
Maj Gen H. L. Jacobson, Jr.  
Lt Gen B. M. Shotts  
Brig Gen S. H. Sherman, Jr.  
Col (BG Sel) R. A. Burpee  
Brig Gen J. L. Watkins

40th Air Division  
42nd Air Division  
12th Air Division  
14th Air Division  
47th Air Division  
4th Air Division  
57th Air Division

Brig Gen W. B. Ratliff  
Brig Gen J. R. McCarthy  
Brig Gen C. S. Adams, Jr.  
Brig Gen A. L. Melton  
Brig Gen (MG Sel) D. L. Gray  
Brig Gen H. E. Gross  
Brig Gen J. E. Light, Jr.

TACTICAL AIR COMMAND

Commander  
9th Air Force  
12th Air Force  
USAF Tactical Air Warfare  
Center

Gen R. J. Dixon  
Lt Gen J. V. Hartinger  
Lt Gen J. D. Hughes

USAF Tactical Fighter Weapons  
Center  
USAF Southern Air Division

Maj Gen M. E. Ryan, Jr.

Maj Gen J. A. Knight, Jr.  
Brig Gen R. B. Tanguy

UNITED STATES AIR FORCE ACADEMY

Superintendent  
Dean of the Faculty

Lt Gen J. R. Allen  
Brig Gen W. T. Woodyard

Commandant of Cadets

Brig Gen S. C. Beck

UNITED STATES AIR FORCES IN EUROPE

Commander  
3rd Air Force

Gen R. H. Ellis  
Maj Gen E. W. Rosencrans

16th Air Force  
17th Air Force

Lt Gen J. G. Wilson  
Maj Gen B. N. Bellis

UNITED STATES AIR FORCE SECURITY SERVICE

Commander

Brig Gen K. D. Burns

AIR FORCE MANAGEMENT ENGINEERING AGENCY

Commander (Pentagon)

Maj Gen J. I. Posner

V/Commander

Col G. E. Kitchens



